

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013071.D
 Acq On : 11 Dec 2022 09:29
 Operator : CG/JU
 Sample : PB149488BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 03:34:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	710275	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3059475	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	2001800	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	4462104	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	3782665	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	3447652	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	96592	5.815	ng/uL	0.00
4) Pyridine-d5	3.775	84	1407728	29.831	ng/u1	0.00
7) Phenol-d5	7.128	99	2030840	35.103	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1177965	33.753	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	1616145	35.486	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	1629766	34.381	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	813083	36.171	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	947645	37.446	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	1773181	36.073	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	2052669	29.580	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	5170680	33.609	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	5843078	34.564	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	989236	35.746	ng/u1	0.00
60) Fluorene-d10	15.604	176	4416098	33.929	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	1001370	34.873	ng/u1	0.00
73) Anthracene-d10	17.469	188	7006359	34.805	ng/u1	0.00
81) Pyrene-d10	19.698	212	8103133	37.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	6250729	36.374	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	209664	12.090	ng/uL	94
5) Pyridine	3.793	79	1463663	31.208	ng/u1	96
6) Benzaldehyde	7.105	77	994554	43.903	ng/u1	99
8) Phenol	7.152	94	2132212	36.451	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	1645705	34.278	ng/u1	98
12) 2-Chlorophenol	7.528	128	1689455	36.174	ng/u1	98
13) 2-Methylphenol	8.411	108	1636451	35.884	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	2377524	36.088	ng/u1	99
16) Acetophenone	8.799	105	2498795	34.379	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.787	70	1254760	34.330	ng/u1	97
18) 4-Methylphenol	8.746	108	1794174	35.520	ng/u1	99
19) Hexachloroethane	9.058	117	642734	34.438	ng/u1	98
22) Nitrobenzene	9.181	77	1894453	35.915	ng/u1	99
23) Isophorone	9.710	82	3714626	34.827	ng/u1	99
25) 2-Nitrophenol	9.893	139	1023574	37.329	ng/u1	98
26) 2,4-Dimethylphenol	9.952	107	1840698	34.405	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.193	93	2284184	33.493	ng/u1	99
29) 2,4-Dichlorophenol	10.428	162	1773276	36.828	ng/u1	99
30) Naphthalene	10.834	128	5415133	33.843	ng/u1	99
32) 4-Chloroaniline	10.946	127	1802812	26.253	ng/u1	100
33) Hexachlorobutadiene	11.116	225	1147974	34.723	ng/u1	97
34) Caprolactam	11.740	113	356493	21.714	ng/u1	98
35) 4-Chloro-3-methylphenol	12.063	107	1835018	37.343	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	3839203	34.975	ng/u1	100

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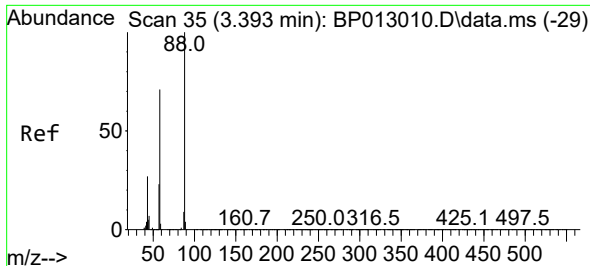
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	3839521	34.012	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	2288124	35.498	ng/ul	99
40) Hexachlorocyclopentadiene	12.781	237	963913	22.980	ng/ul	98
41) 2,4,6-Trichlorophenol	13.046	196	1499572	36.199	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	1655609	37.207	ng/ul	99
43) 1,1'-Biphenyl	13.446	154	5070965	33.729	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	4083787	34.513	ng/ul	99
45) 2-Nitroaniline	13.693	65	1173551	40.907	ng/ul	100
47) Dimethylphthalate	14.063	163	5232040	34.312	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	1116199	39.389	ng/ul	99
50) Acenaphthylene	14.334	152	6227407	34.264	ng/ul	100
51) 3-Nitroaniline	14.516	138	1128490	42.174	ng/ul	99
52) Acenaphthene	14.675	153	4329365	34.375	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	692692	35.760	ng/ul	98
55) 4-Nitrophenol	14.822	109	709361	37.566	ng/ul	98
56) Dibenzofuran	15.010	168	6124601	34.203	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	1616897	39.281	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	1434113	35.316	ng/ul	98
59) Diethylphthalate	15.428	149	5213231	35.170	ng/ul	99
61) Fluorene	15.657	166	4893050	34.072	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	2621965	34.524	ng/ul	99
63) 4-Nitroaniline	15.687	138	1197434	50.856	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.740	198	1004296	35.790	ng/ul	98
67) N-Nitrosodiphenylamine	15.869	169	4390717	35.493	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	1744580	36.002	ng/ul	99
69) Hexachlorobenzene	16.663	284	2043315	35.513	ng/ul	98
70) Atrazine	16.816	200	962689	19.970	ng/ul	99
71) Pentachlorophenol	17.010	266	1187306	34.074	ng/ul	100
72) Phenanthrene	17.410	178	8206672	35.311	ng/ul	99
74) Anthracene	17.498	178	8204999	35.357	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	2309324	36.275	ng/uL	100
76) Pentachlorobenzene	14.928	250	2261220	34.838	ng/uL	99
77) Carbazole	17.769	167	7456548	38.153	ng/ul	99
78) Di-n-butylphthalate	18.310	149	8969007	37.692	ng/ul	100
80) Fluoranthene	19.369	202	9691075	39.325	ng/ul	100
82) Pyrene	19.722	202	9802426	38.561	ng/ul	99
83) Butylbenzylphthalate	20.586	149	4002329	40.754	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	2909671	34.050	ng/ul	100
85) Benzo(a)anthracene	21.433	228	9267660	36.906	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	5734968	41.399	ng/ul	98
87) Chrysene	21.492	228	8606902	36.244	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	9648599	49.955	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	8467530	38.515	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	8005832	36.724	ng/ul	99
93) Benzo(a)pyrene	23.833	252	7064979	36.907	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.545	276	8066638	33.830	ng/ul	100
95) Dibenzo(a,h)anthracene	26.563	278	7189467	36.417	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	6650411	34.741	ng/ul	100

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

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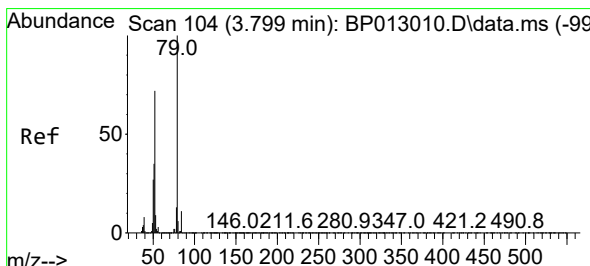
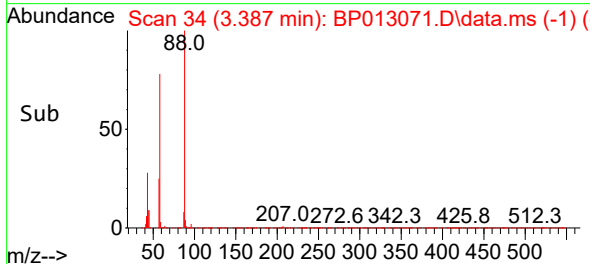
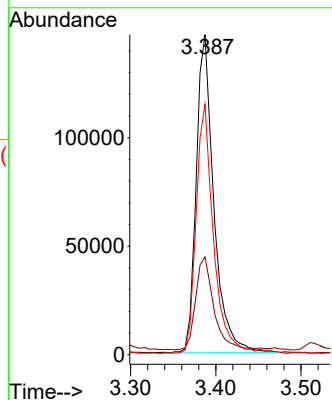
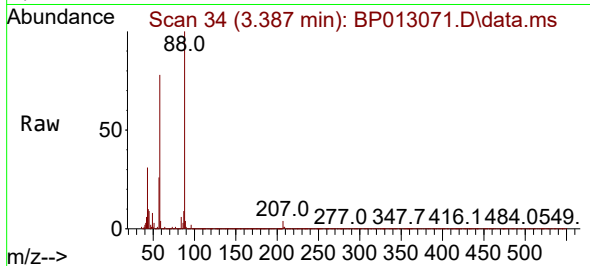




#2
1,4-Dioxane
Concen: 12.090 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP013071.D
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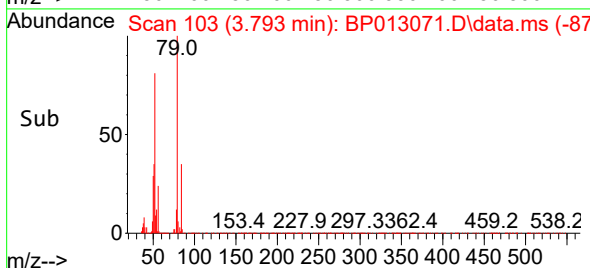
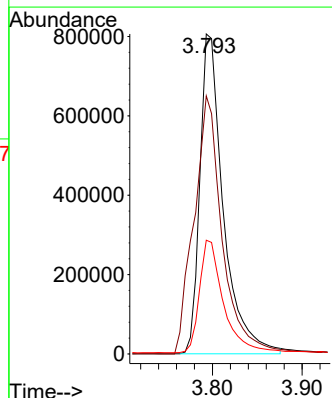
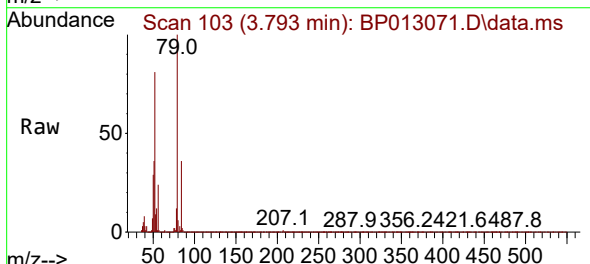
Instrument :
BNA_P
ClientSampleId :

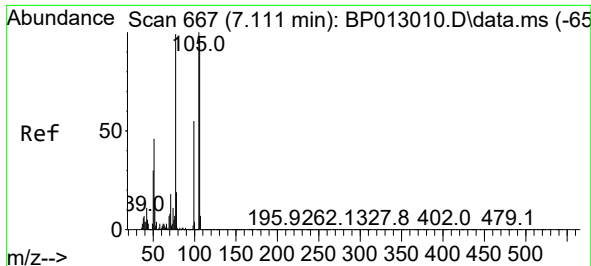
Tgt Ion: 88 Resp: 209664
Ion Ratio Lower Upper
88 100
43 30.6 22.4 33.6
58 78.2 58.2 87.4



#5
Pyridine
Concen: 31.208 ng/uL
RT: 3.793 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion: 79 Resp: 1463663
Ion Ratio Lower Upper
79 100
52 80.6 60.7 91.1
51 35.6 28.9 43.3

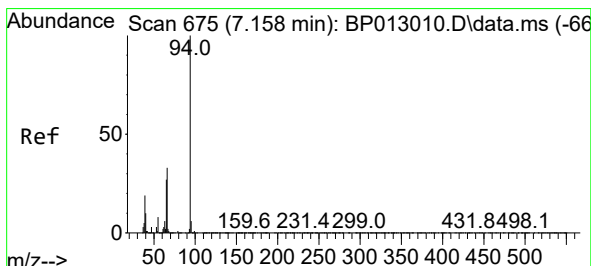
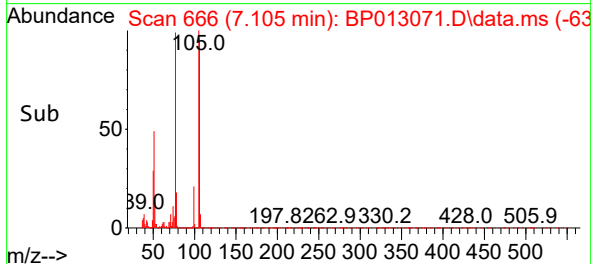
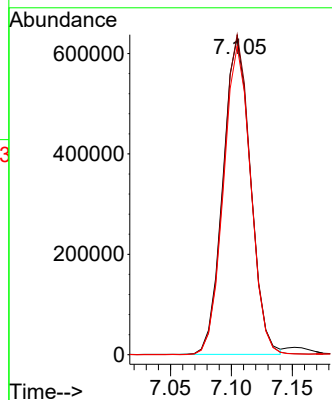
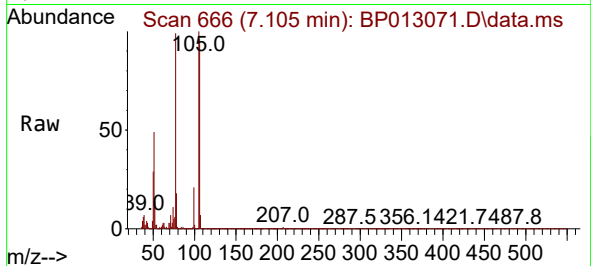




#6
Benzaldehyde
Concen: 43.903 ng/ul
RT: 7.105 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

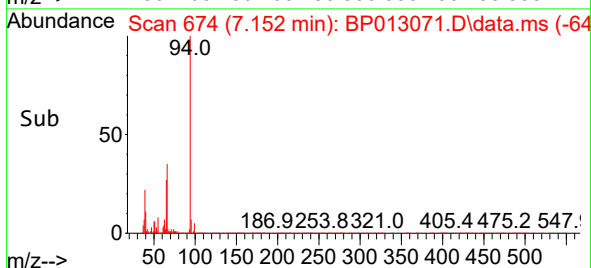
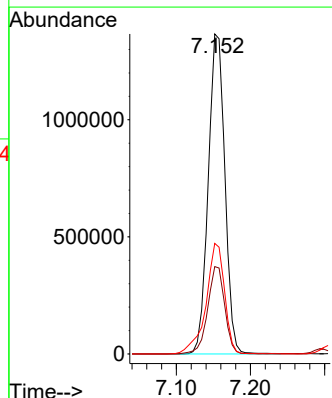
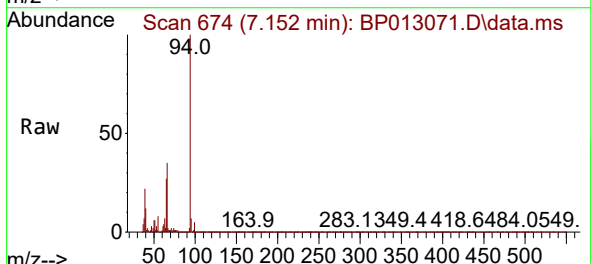
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ClientSampleId :

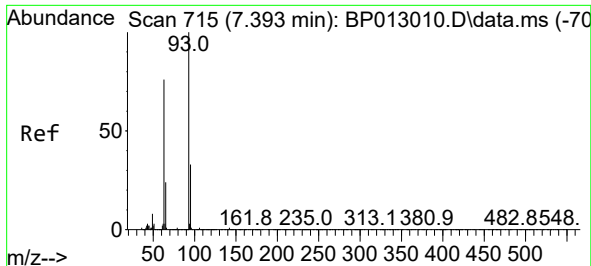
Tgt Ion: 77 Resp: 994554
Ion Ratio Lower Upper
77 100
105 101.0 81.5 122.3
106 97.4 76.9 115.3



#8
Phenol
Concen: 36.451 ng/ul
RT: 7.152 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion: 94 Resp: 2132212
Ion Ratio Lower Upper
94 100
65 27.3 21.1 31.7
66 34.5 27.0 40.6

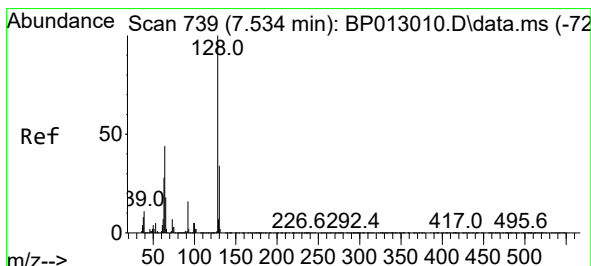
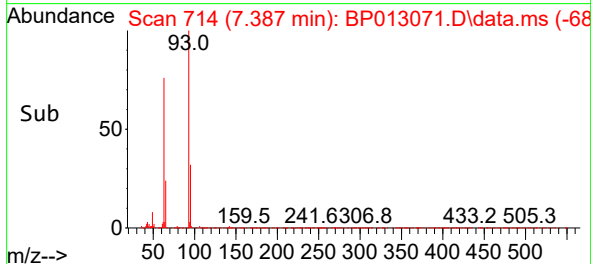
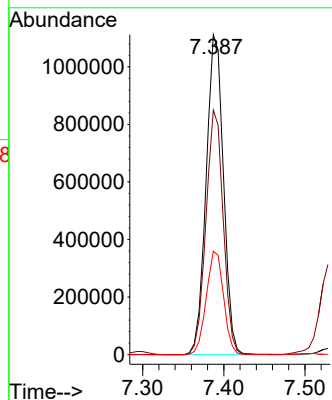
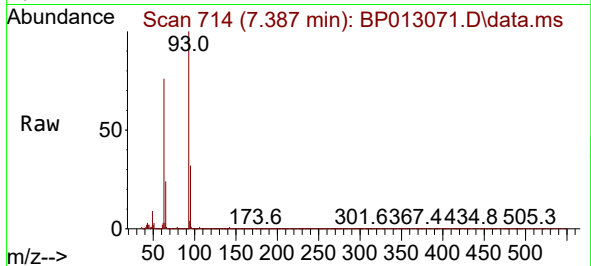




#10
Bis(2-Chloroethyl)ether
Concen: 34.278 ng/ul
RT: 7.387 min Scan# 715
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

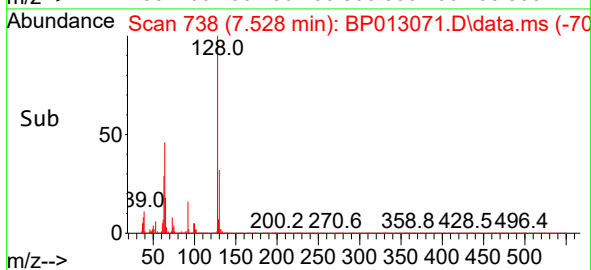
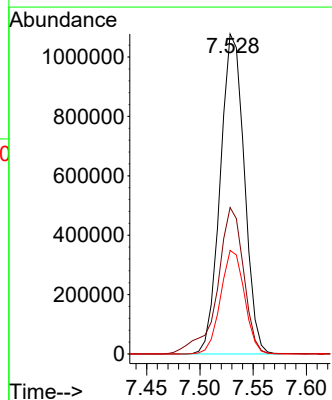
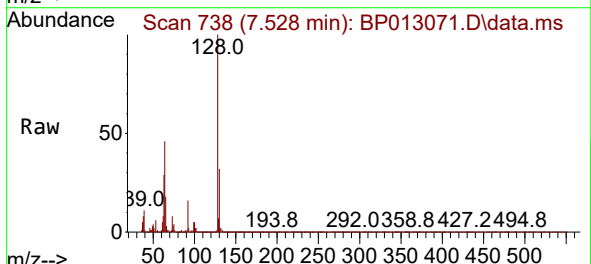
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ClientSampleId :

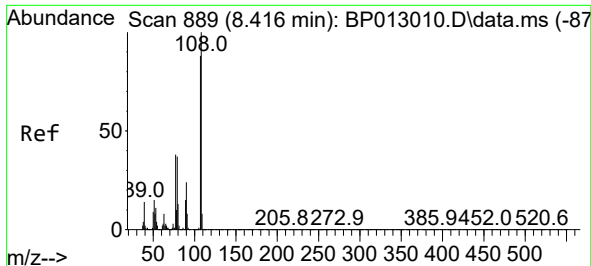
Tgt Ion: 93 Resp: 1645705
Ion Ratio Lower Upper
93 100
63 76.5 59.8 89.8
95 32.4 26.4 39.6



#12
2-Chlorophenol
Concen: 36.174 ng/ul
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:128 Resp: 1689455
Ion Ratio Lower Upper
128 100
64 45.7 34.9 52.3
130 32.4 25.8 38.6





#13

2-Methylphenol

Concen: 35.884 ng/ul

RT: 8.411 min Scan# 889

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

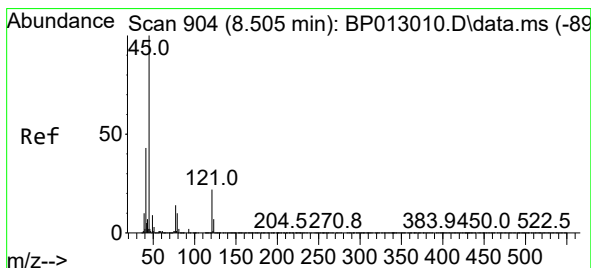
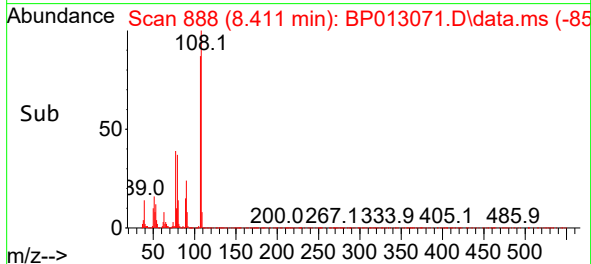
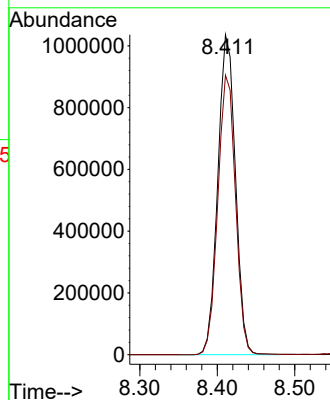
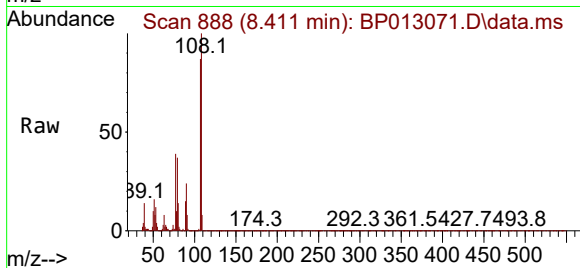
ClientSampleId :

Tgt Ion:108 Resp: 1636451

Ion Ratio Lower Upper

108 100

107 87.4 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.088 ng/ul

RT: 8.505 min Scan# 904

Delta R.T. 0.000 min

Lab File: BP013071.D

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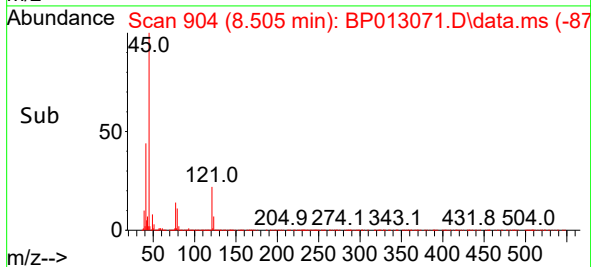
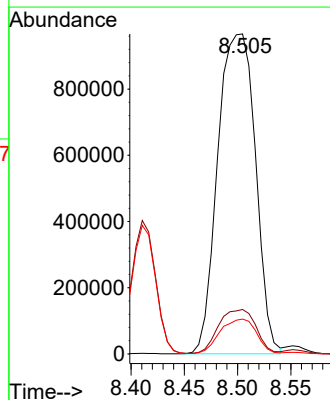
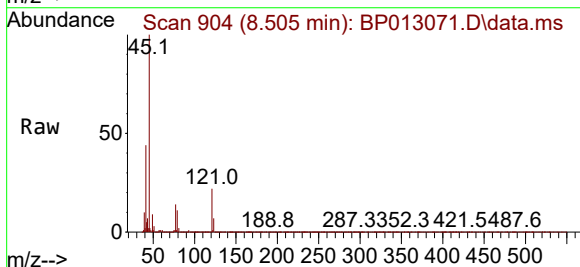
Tgt Ion: 45 Resp: 2377524

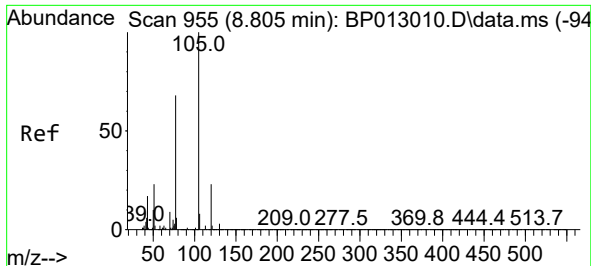
Ion Ratio Lower Upper

45 100

77 13.9 11.0 16.6

79 10.9 9.3 13.9

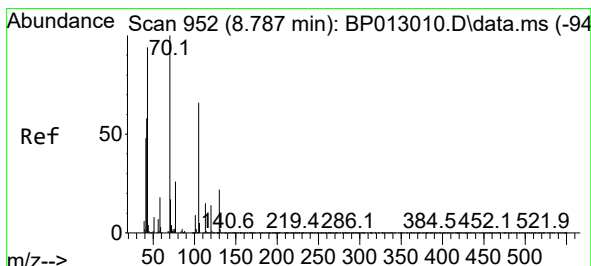
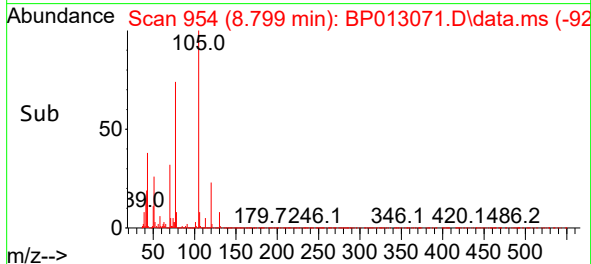
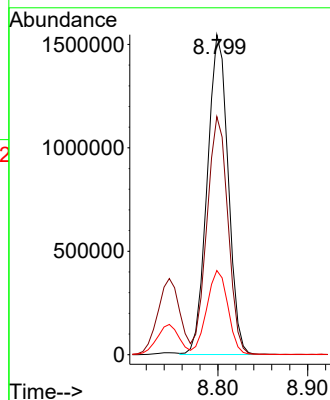
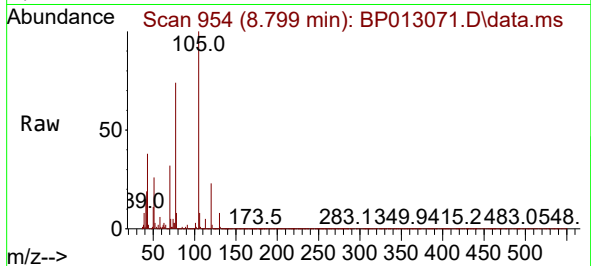




#16
Acetophenone
Concen: 34.379 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013071.D
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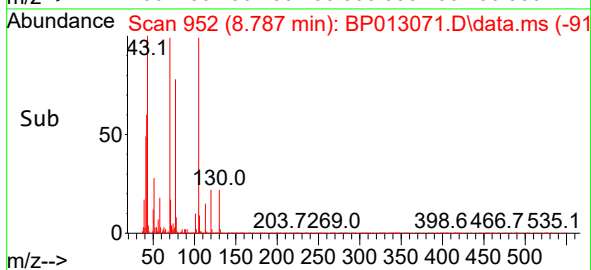
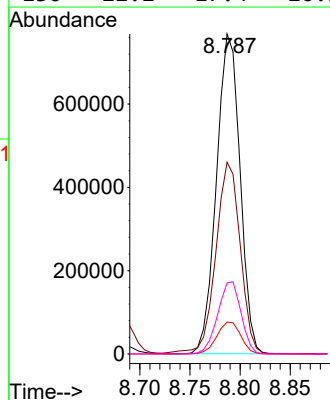
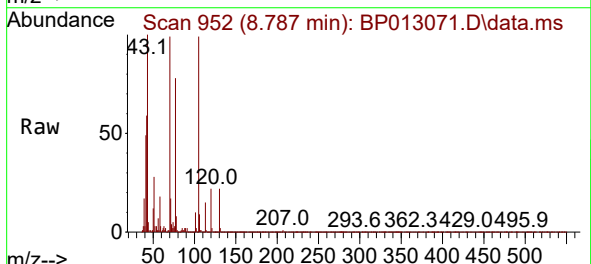
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BNA_P
ClientSampleId :

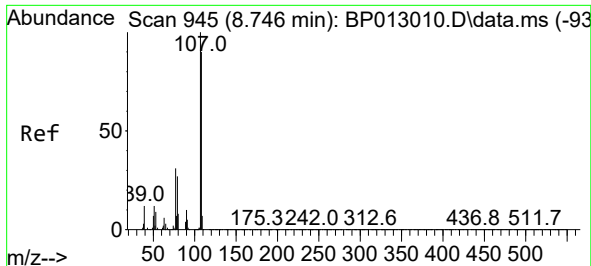
Tgt Ion:105 Resp: 2498795
Ion Ratio Lower Upper
105 100
77 74.4 59.3 88.9
51 26.3 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 34.330 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion: 70 Resp: 1254760
Ion Ratio Lower Upper
70 100
42 59.9 45.5 68.3
101 10.0 7.9 11.9
130 22.2 17.4 26.2





#18

4-Methylphenol

Concen: 35.520 ng/ul

RT: 8.746 min Scan# 945

Delta R.T. 0.006 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

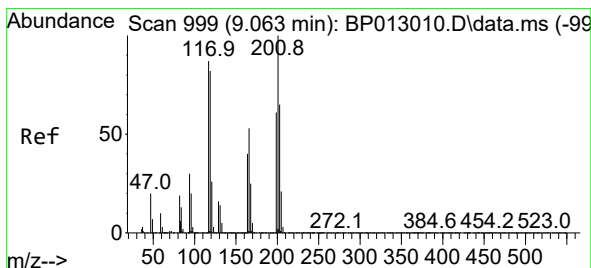
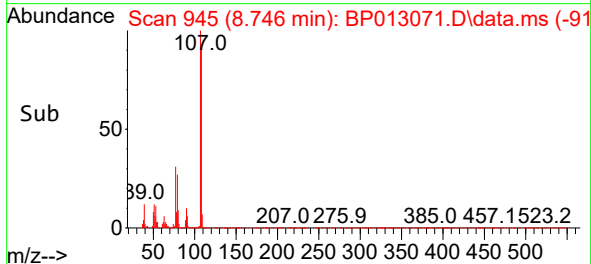
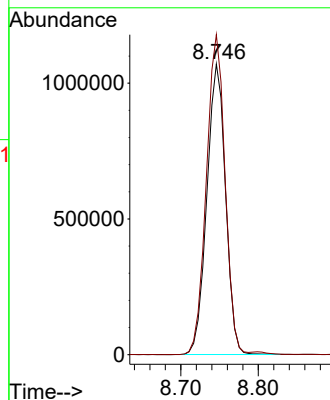
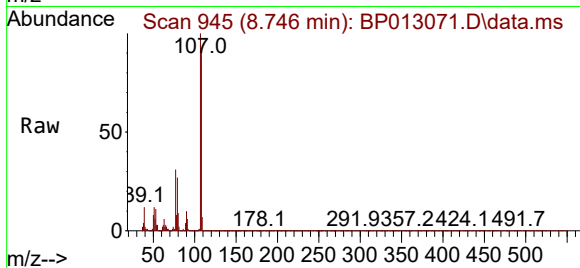
ClientSampleId :

Tgt Ion:108 Resp: 1794174

Ion Ratio Lower Upper

108 100

107 110.1 87.4 131.2



#19

Hexachloroethane

Concen: 34.438 ng/ul

RT: 9.058 min Scan# 998

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

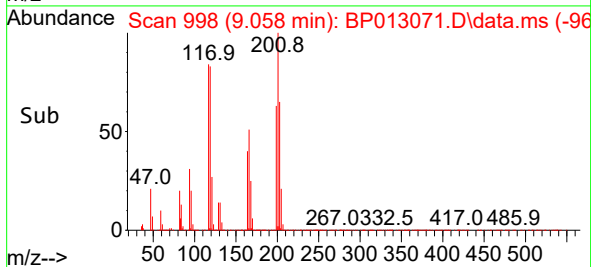
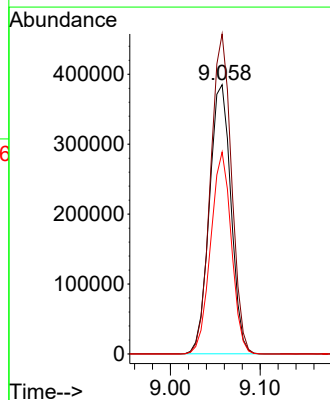
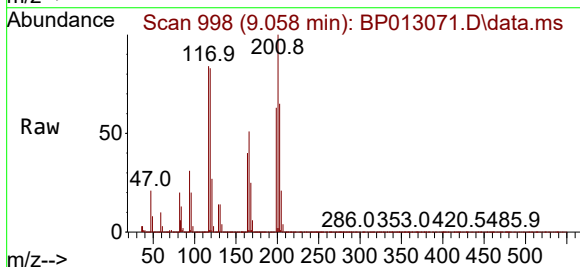
Tgt Ion:117 Resp: 642734

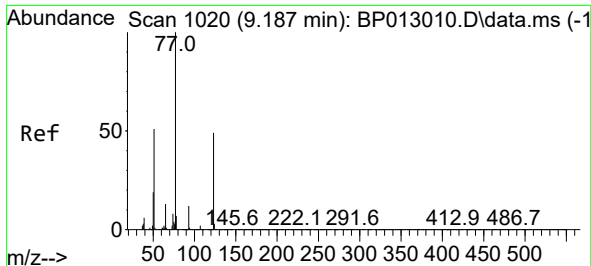
Ion Ratio Lower Upper

117 100

201 118.8 93.7 140.5

199 75.0 58.6 88.0

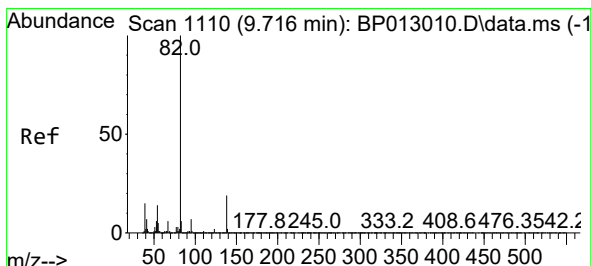
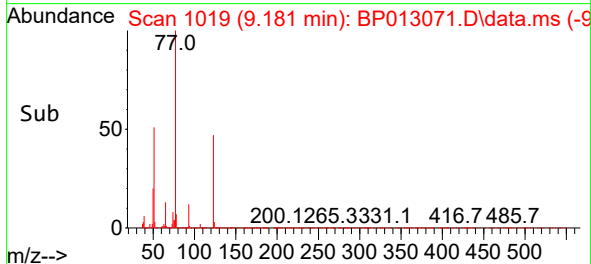
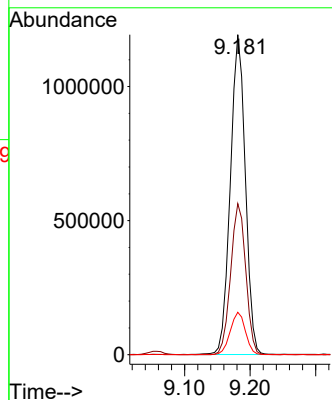
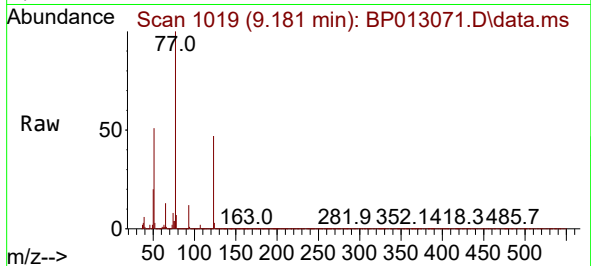




#22
Nitrobenzene
Concen: 35.915 ng/ul
RT: 9.181 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

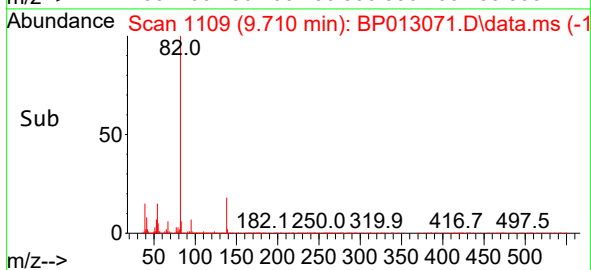
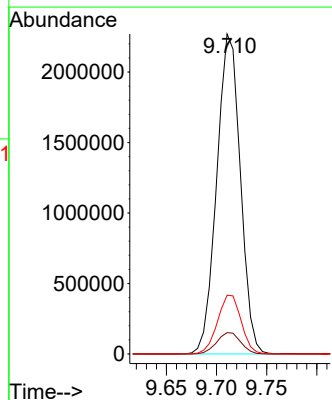
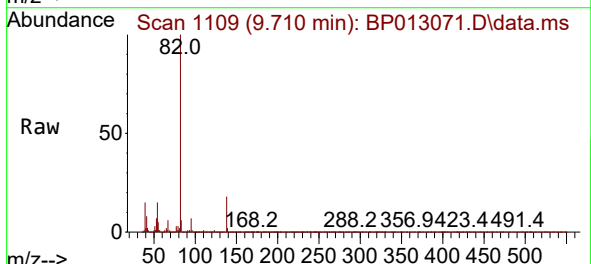
Instrument :
BNA_P
ClientSampleId :

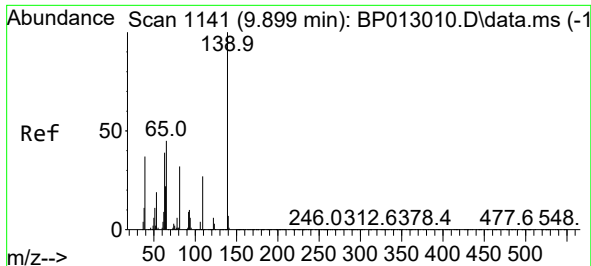
Tgt Ion: 77 Resp: 1894453
Ion Ratio Lower Upper
77 100
123 47.2 38.3 57.5
65 13.3 10.3 15.5



#23
Isophorone
Concen: 34.827 ng/ul
RT: 9.710 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion: 82 Resp: 3714626
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 18.3 15.3 22.9

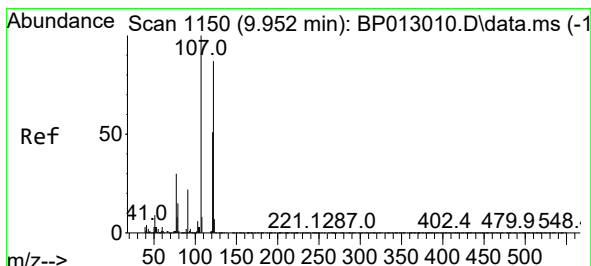
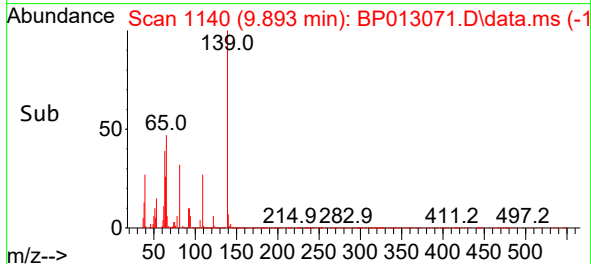
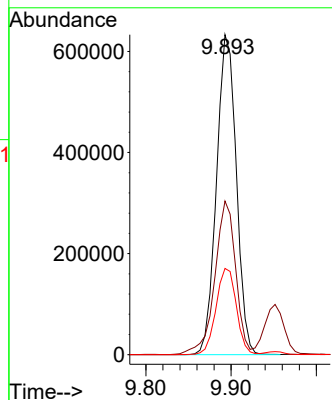
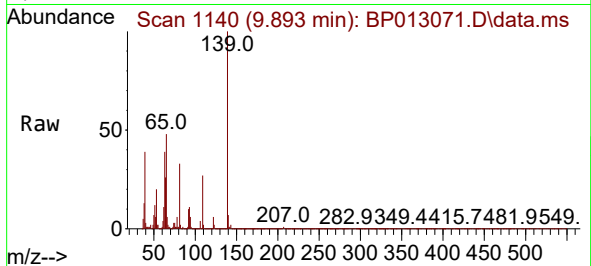




#25
2-Nitrophenol
Concen: 37.329 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

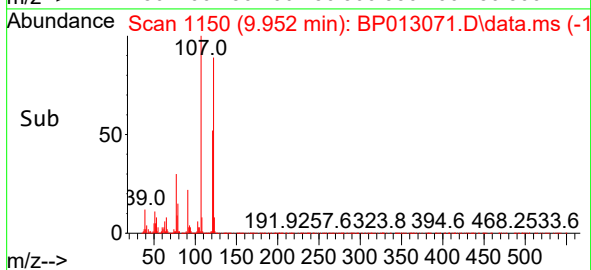
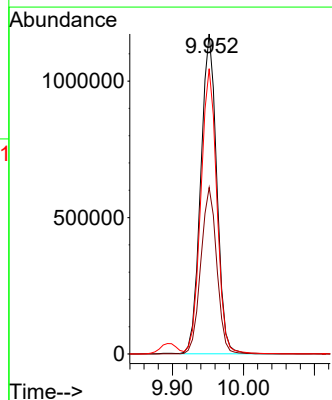
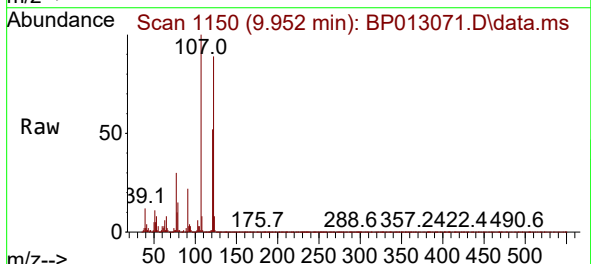
Instrument :
BNA_P
ClientSampleId :

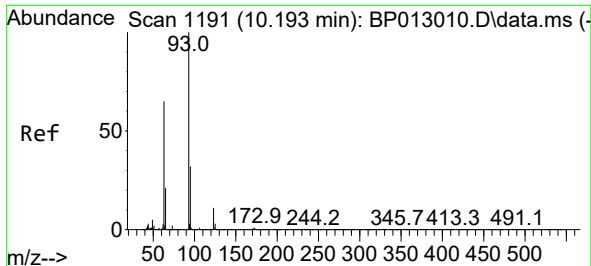
Tgt Ion:139 Resp: 1023574
Ion Ratio Lower Upper
139 100
65 48.0 36.6 54.8
109 27.0 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 34.405 ng/ul
RT: 9.952 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

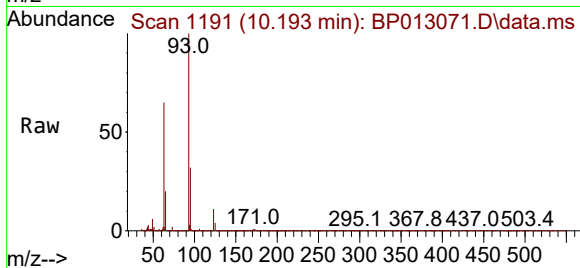
Tgt Ion:107 Resp: 1840698
Ion Ratio Lower Upper
107 100
121 52.0 41.8 62.6
122 89.2 72.6 108.8





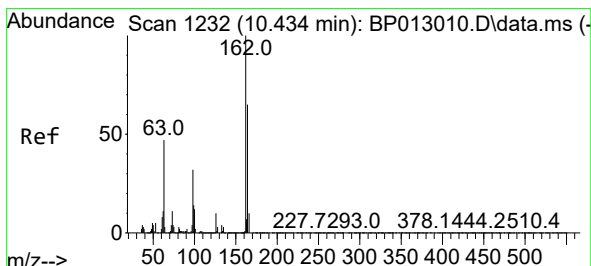
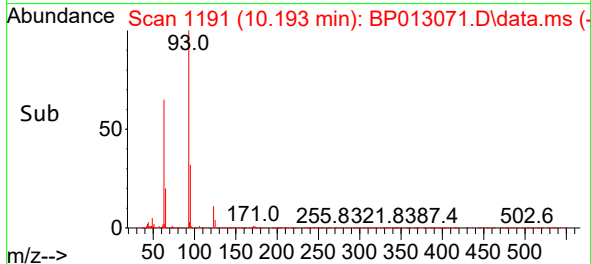
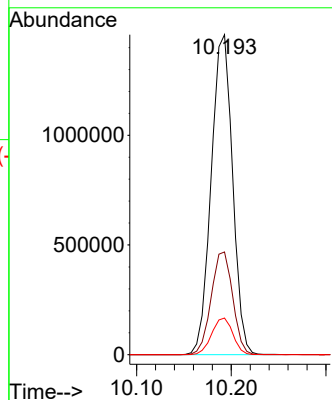
#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.493 ng/ul
 RT: 10.193 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BP013071.D
 Acq: 11 Dec 2022 09:29

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 2284184

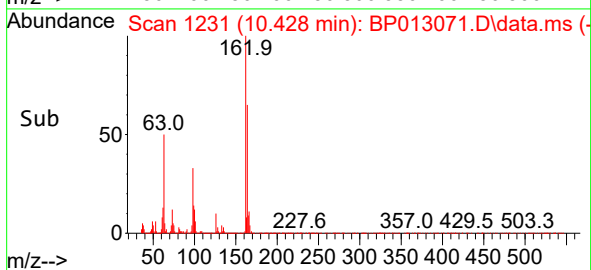
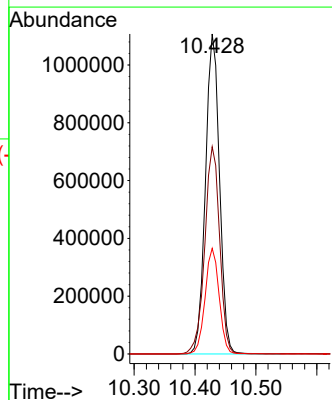
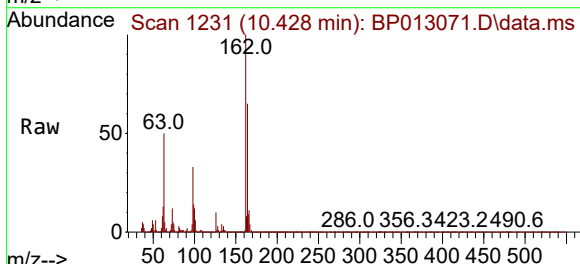
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.0	39.0
123	11.4	9.2	13.8

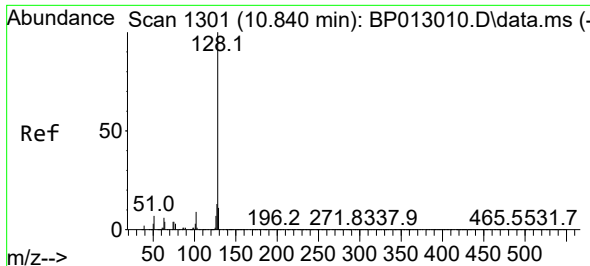


#29
 2,4-Dichlorophenol
 Concen: 36.828 ng/ul
 RT: 10.428 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: BP013071.D
 Acq: 11 Dec 2022 09:29

Tgt Ion:162 Resp: 1773276

Ion	Ratio	Lower	Upper
162	100		
164	64.8	52.5	78.7
98	33.0	26.6	39.8

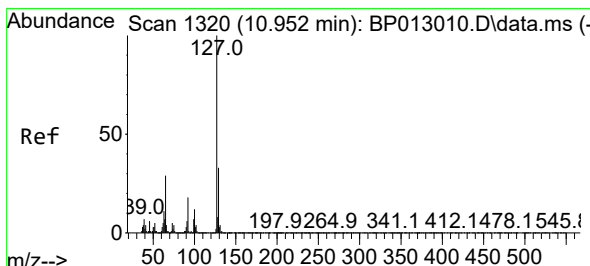
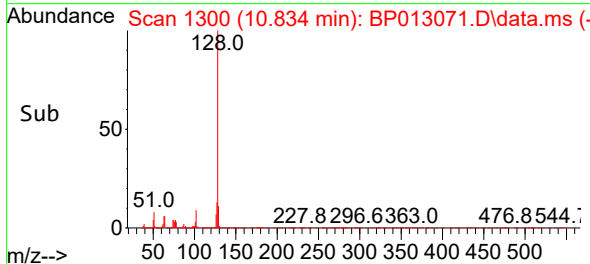
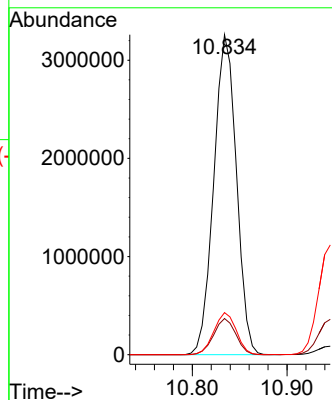
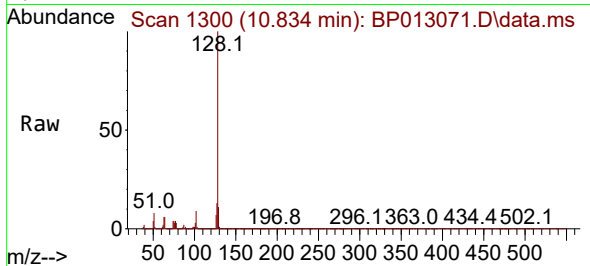




#30
Naphthalene
Concen: 33.843 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

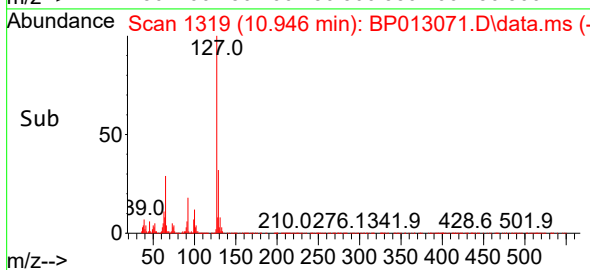
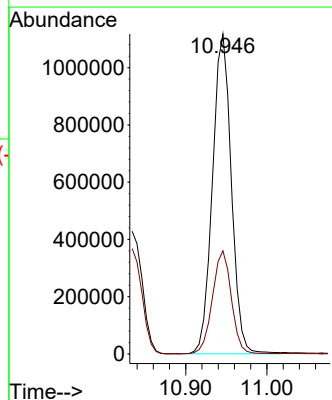
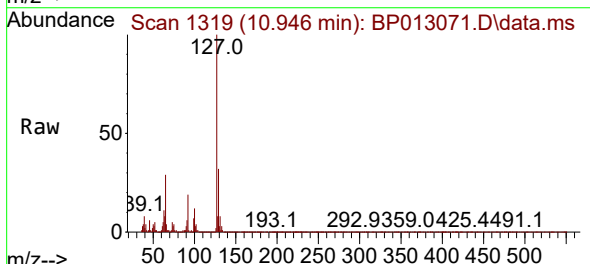
Instrument :
BNA_P
ClientSampleId :

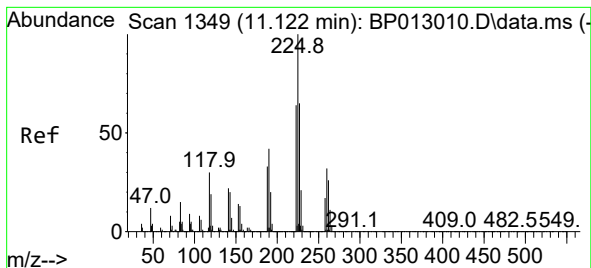
Tgt Ion:128 Resp: 5415133
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 26.253 ng/ul
RT: 10.946 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:127 Resp: 1802812
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4





#33

Hexachlorobutadiene

Concen: 34.723 ng/ul

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNP

ClientSampleId :

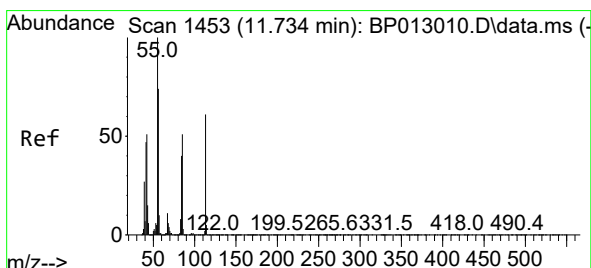
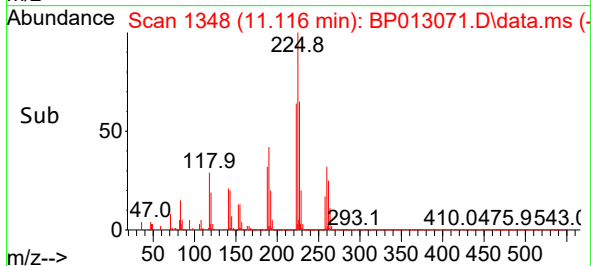
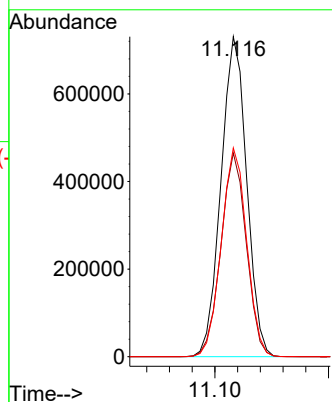
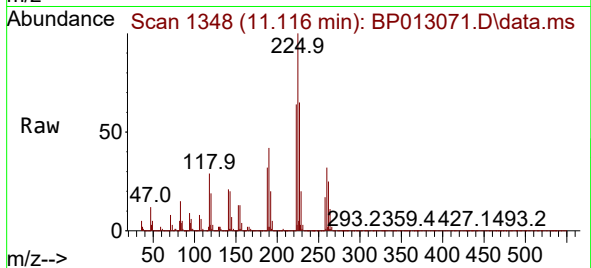
Tgt Ion:225 Resp: 1147974

Ion Ratio Lower Upper

225 100

223 63.6 49.2 73.8

227 65.2 50.2 75.2



#34

Caprolactam

Concen: 21.714 ng/ul

RT: 11.740 min Scan# 1454

Delta R.T. 0.012 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

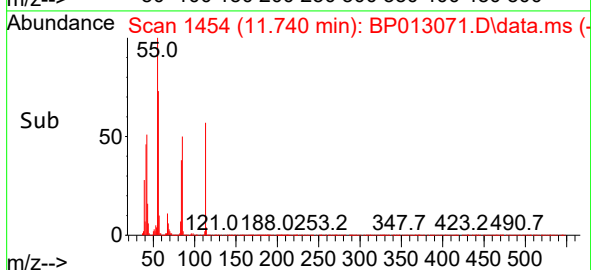
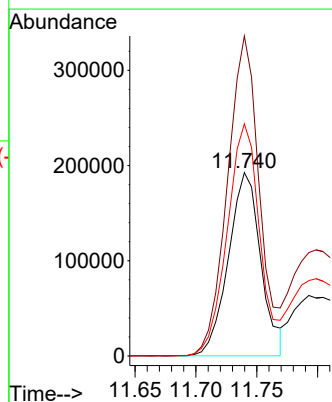
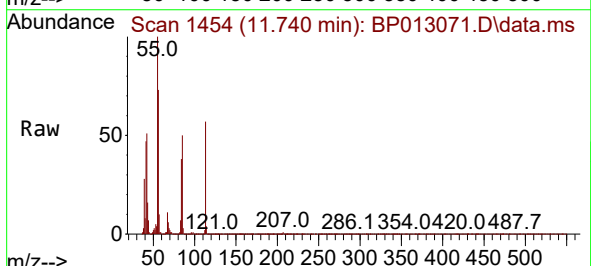
Tgt Ion:113 Resp: 356493

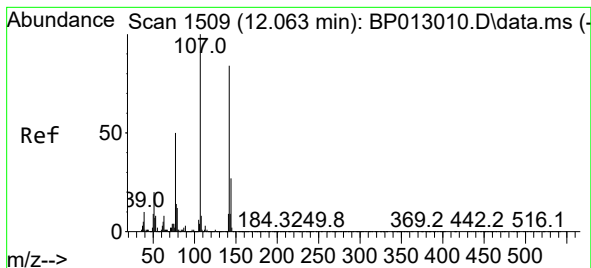
Ion Ratio Lower Upper

113 100

55 174.5 141.9 212.9

56 126.6 99.6 149.4

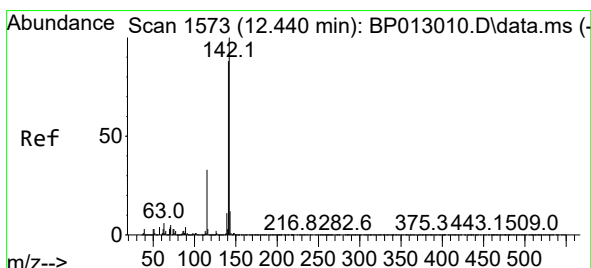
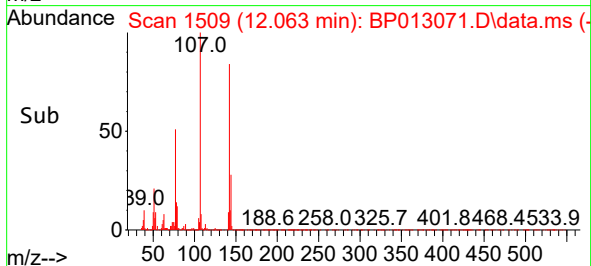
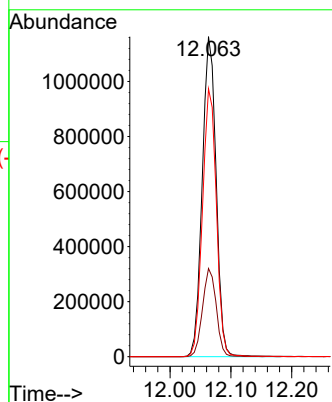
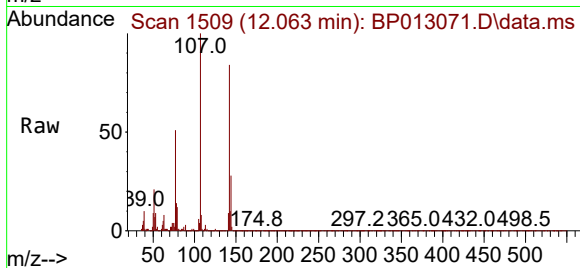




#35
4-Chloro-3-methylphenol
Concen: 37.343 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

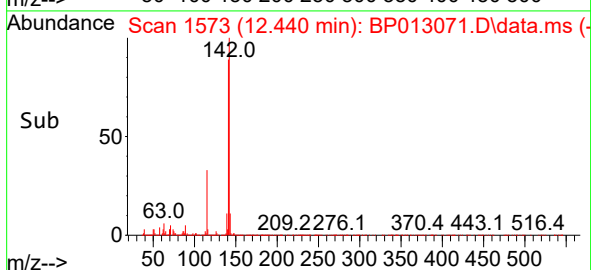
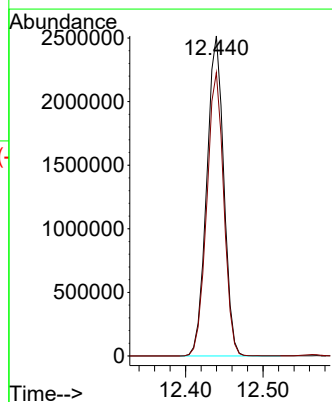
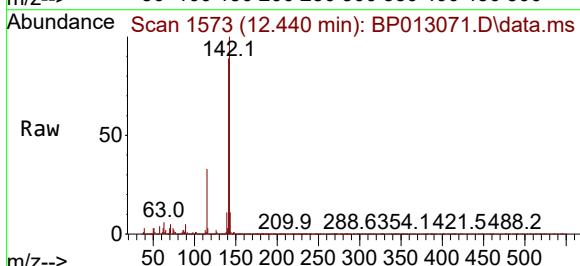
Instrument :
BNA_P
ClientSampleId :

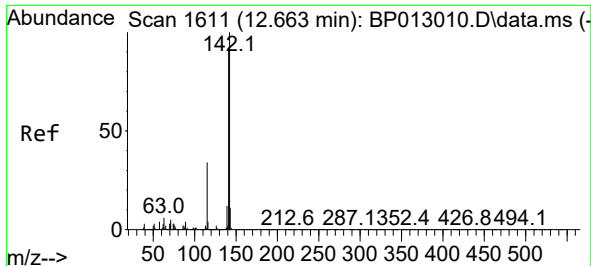
Tgt Ion:107 Resp: 1835018
Ion Ratio Lower Upper
107 100
144 27.5 21.4 32.2
142 83.7 65.8 98.6



#36
2-Methylnaphthalene
Concen: 34.975 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:142 Resp: 3839203
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2

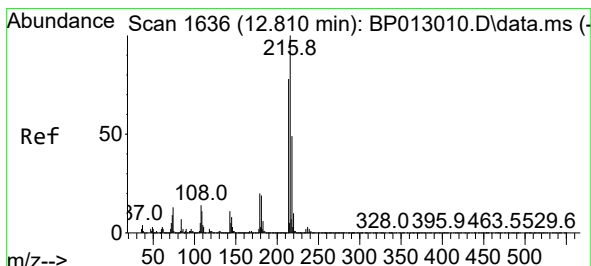
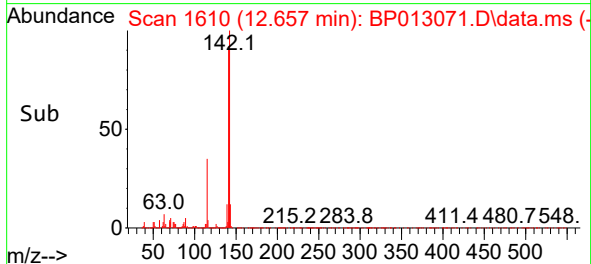
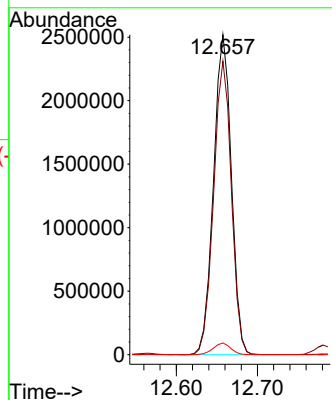
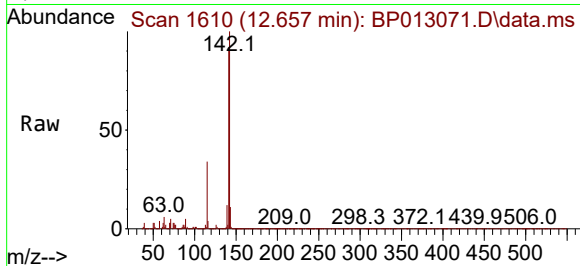




#37
1-Methylnaphthalene
Concen: 34.012 ng/ul
RT: 12.657 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

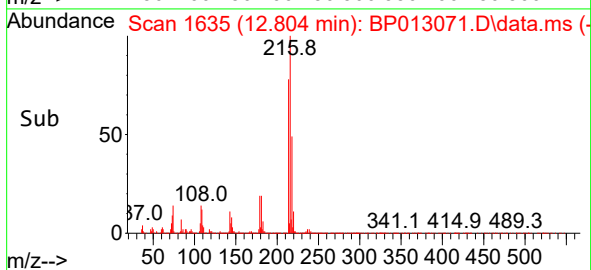
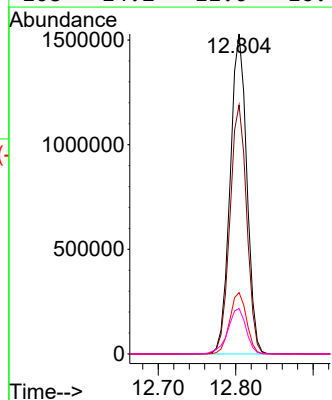
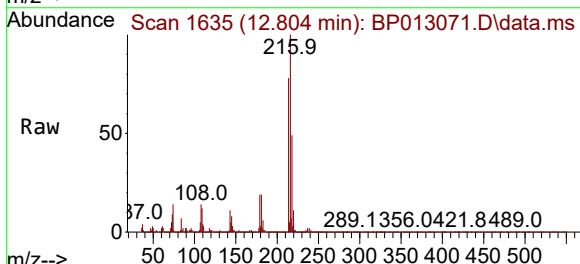
Instrument :
BNA_P
ClientSampleId :

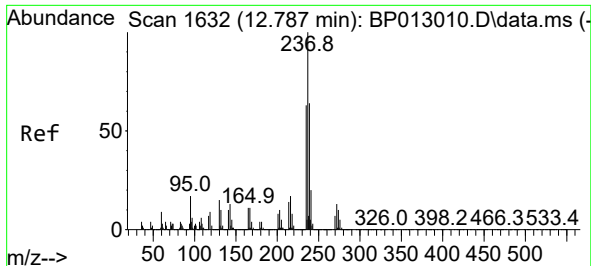
Tgt Ion:142 Resp: 3839521
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.498 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:216 Resp: 2288124
Ion Ratio Lower Upper
216 100
214 77.8 61.9 92.9
179 19.2 15.0 22.6
108 14.2 11.0 16.4

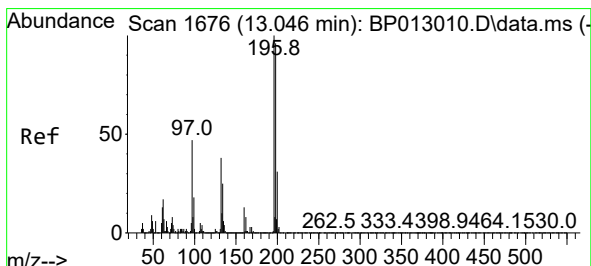
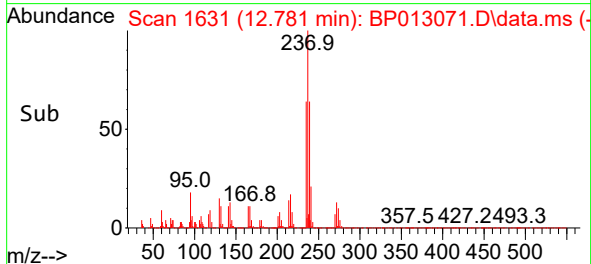
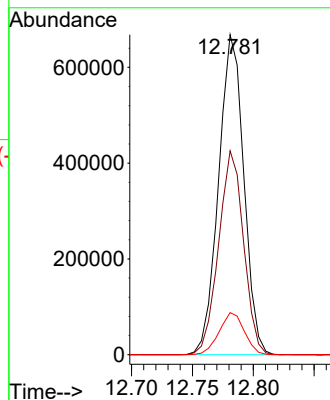
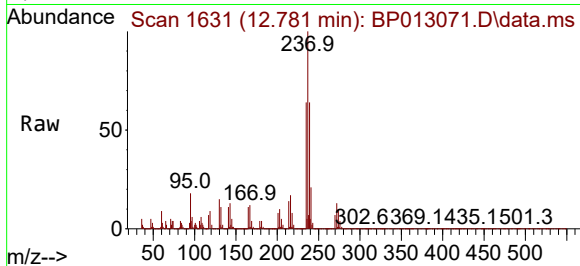




#40
Hexachlorocyclopentadiene
Concen: 22.980 ng/ul
RT: 12.781 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

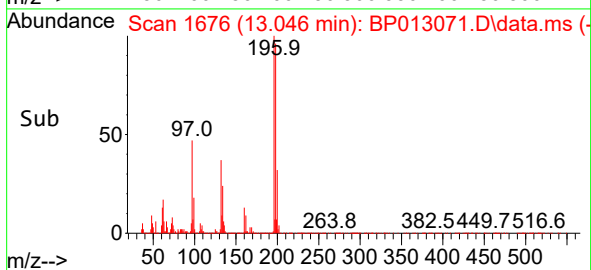
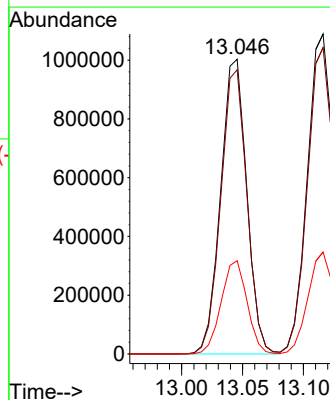
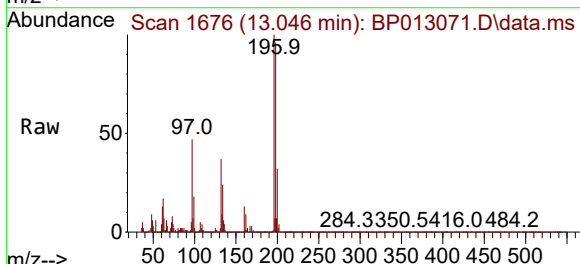
Instrument :
BNA_P
ClientSampleId :

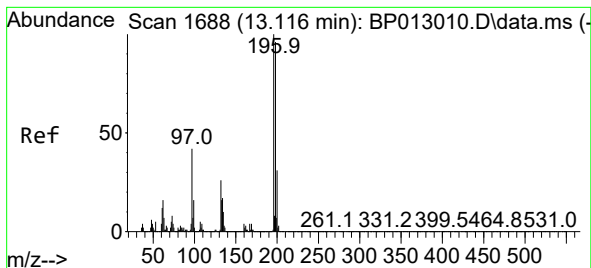
Tgt Ion:237 Resp: 963913
Ion Ratio Lower Upper
237 100
235 63.7 49.7 74.5
272 13.1 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 36.199 ng/ul
RT: 13.046 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:196 Resp: 1499572
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 31.6 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 37.207 ng/ul

RT: 13.116 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

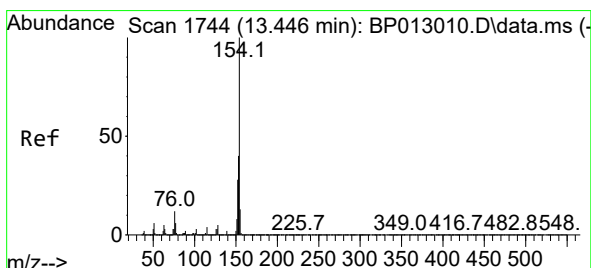
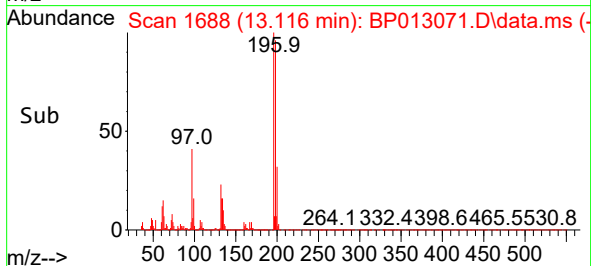
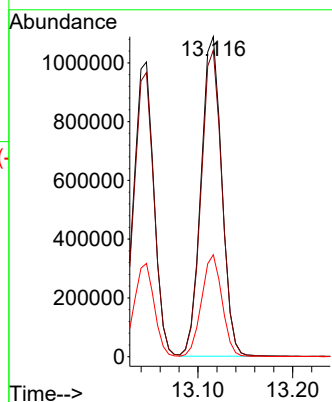
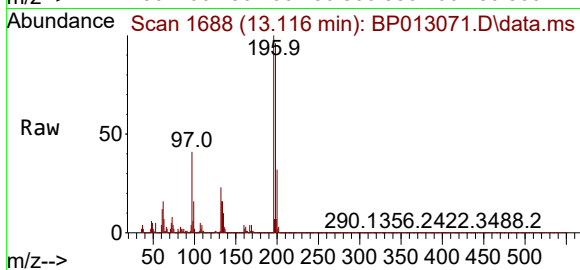
Tgt Ion:196 Resp: 1655609

Ion Ratio Lower Upper

196 100

198 95.7 77.1 115.7

200 31.9 25.4 38.2



#43

1,1'-Biphenyl

Concen: 33.729 ng/ul

RT: 13.446 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

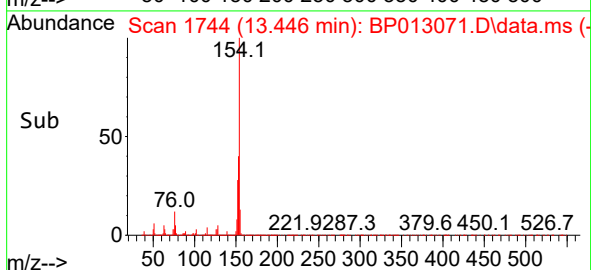
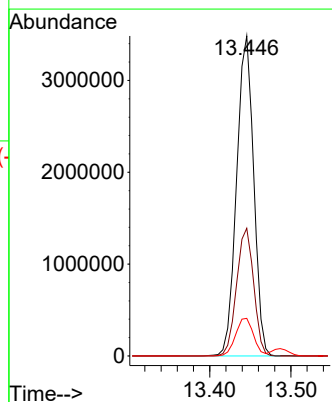
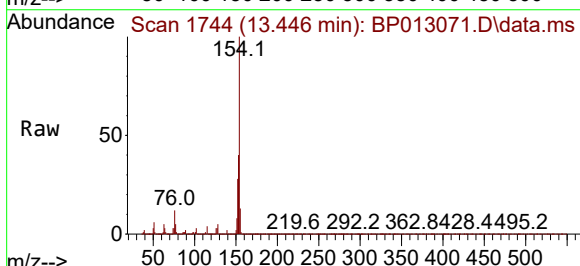
Tgt Ion:154 Resp: 5070965

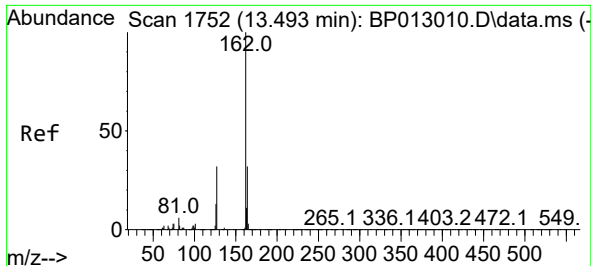
Ion Ratio Lower Upper

154 100

153 39.9 31.5 47.3

76 11.7 9.6 14.4

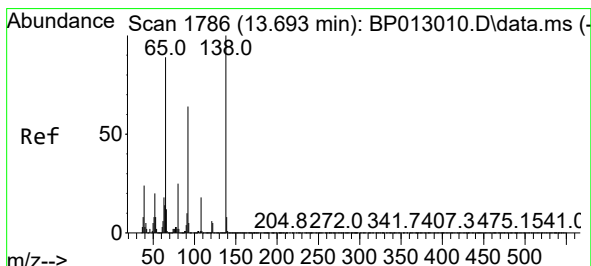
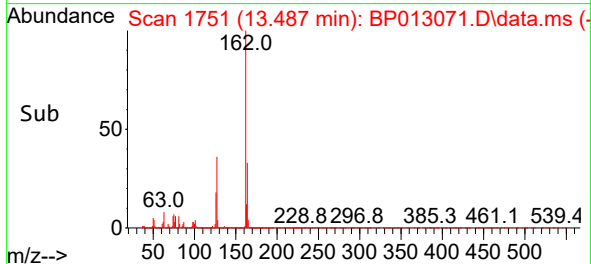
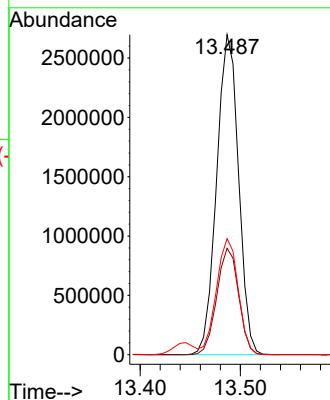
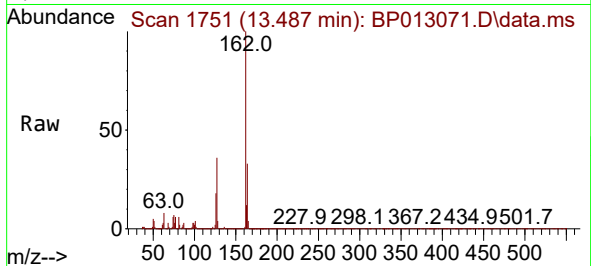




#44
2-Chloronaphthalene
Concen: 34.513 ng/ul
RT: 13.487 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

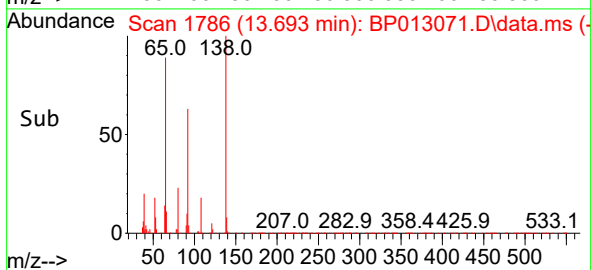
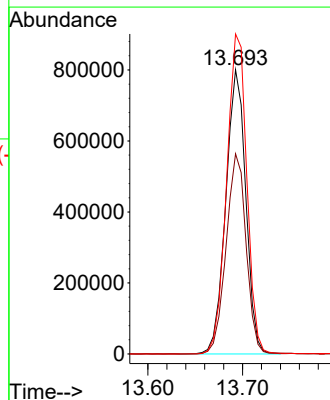
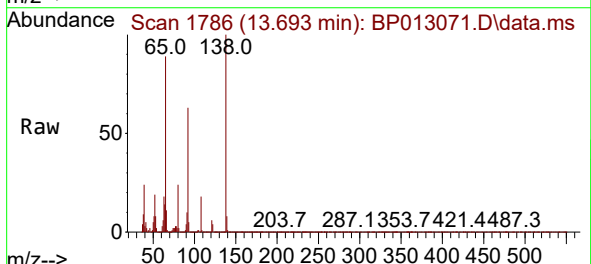
Instrument :
BNA_P
ClientSampleId :

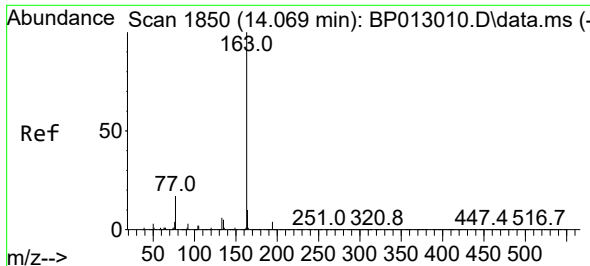
Tgt Ion:162 Resp: 4083787
Ion Ratio Lower Upper
162 100
164 33.3 26.3 39.5
127 36.3 29.3 43.9



#45
2-Nitroaniline
Concen: 40.907 ng/ul
RT: 13.693 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion: 65 Resp: 1173551
Ion Ratio Lower Upper
65 100
92 70.4 56.4 84.6
138 112.6 90.3 135.5

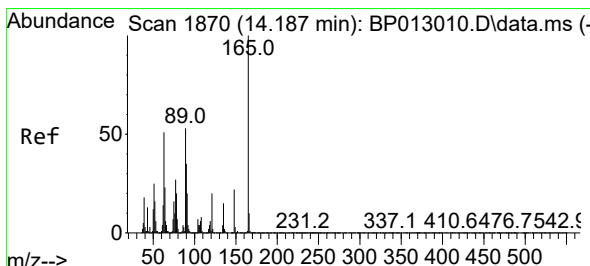
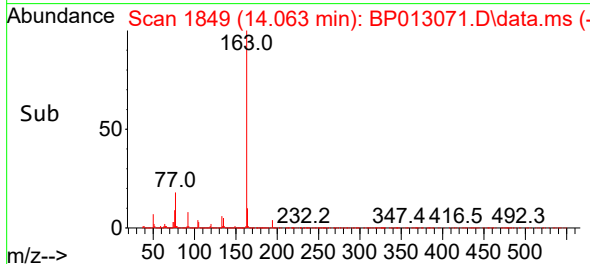
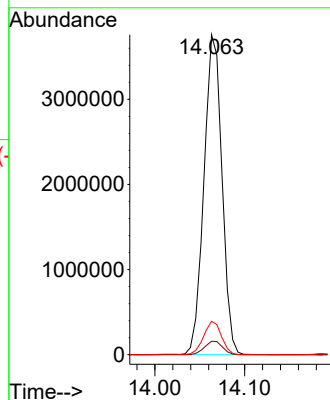
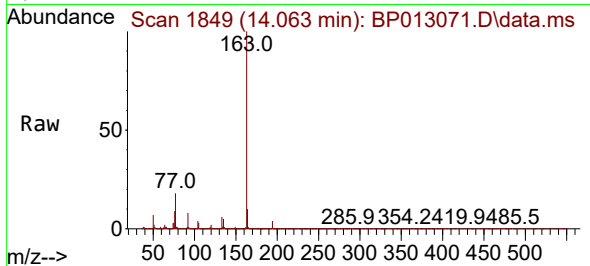




#47
Dimethylphthalate
Concen: 34.312 ng/ul
RT: 14.063 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

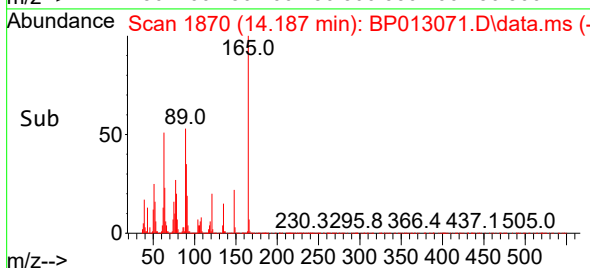
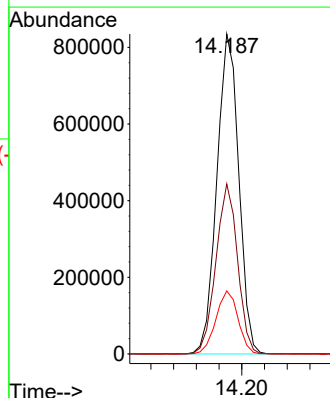
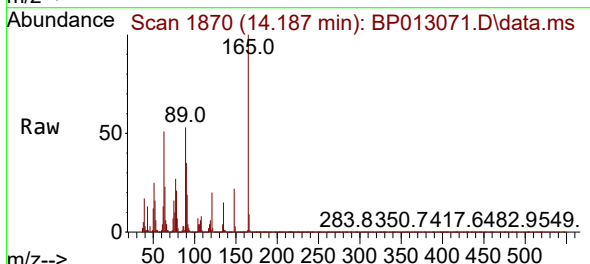
Instrument :
BNA_P
ClientSampleId :

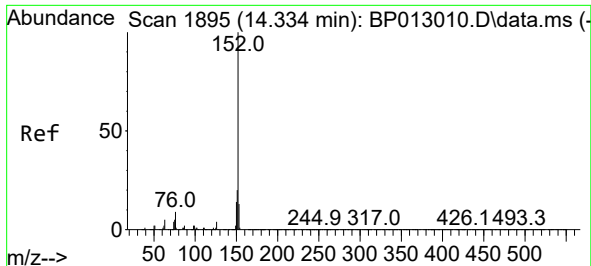
Tgt Ion:163 Resp: 5232040
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 39.389 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:165 Resp: 1116199
Ion Ratio Lower Upper
165 100
89 53.1 43.0 64.4
121 19.7 16.1 24.1

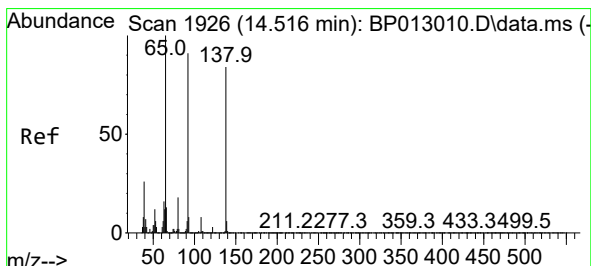
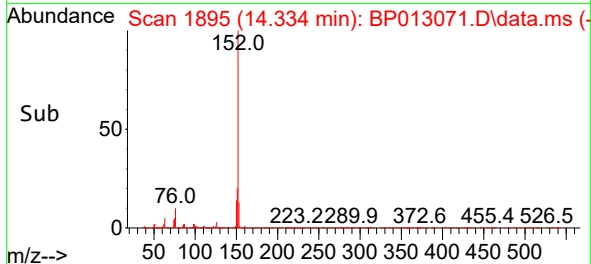
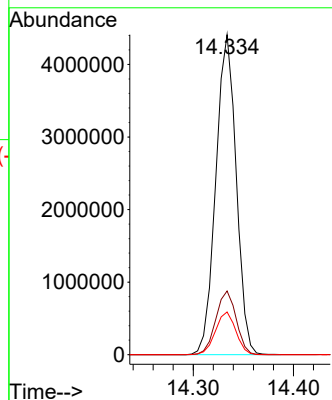
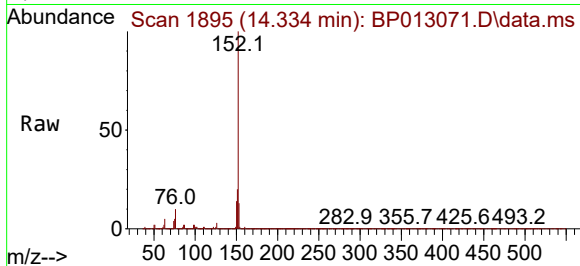




#50
Acenaphthylene
Concen: 34.264 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

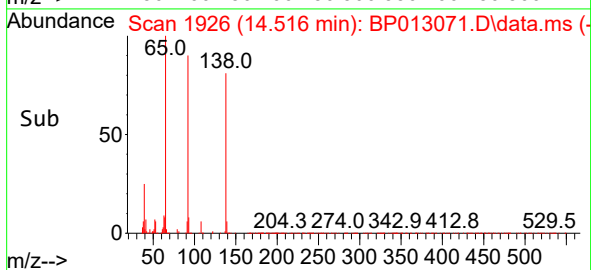
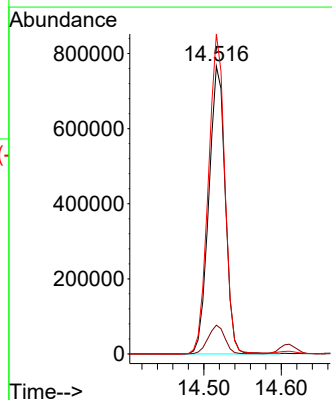
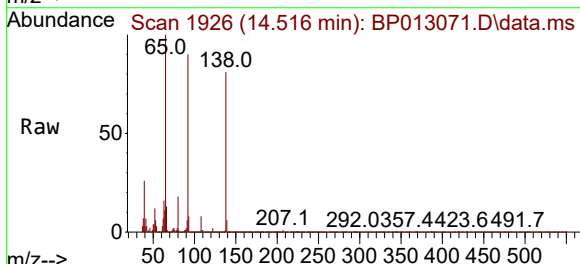
Instrument :
BNA_P
ClientSampleId :

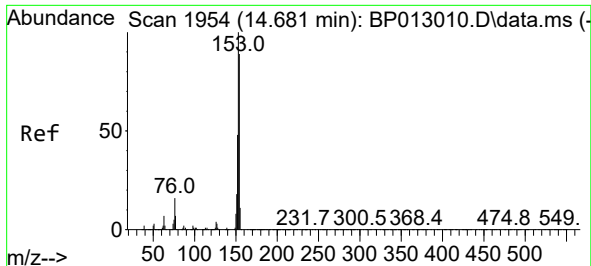
Tgt Ion:152 Resp: 6227407
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.4 10.6 16.0



#51
3-Nitroaniline
Concen: 42.174 ng/ul
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:138 Resp: 1128490
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 111.2 88.4 132.6

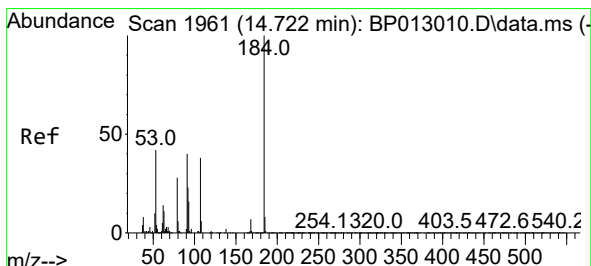
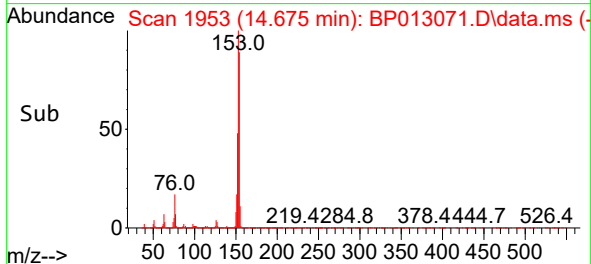
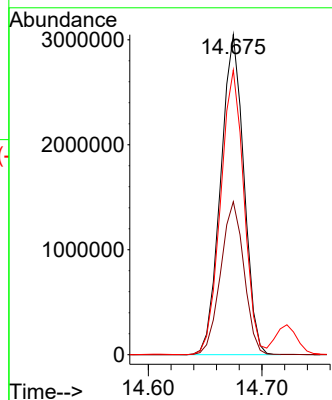
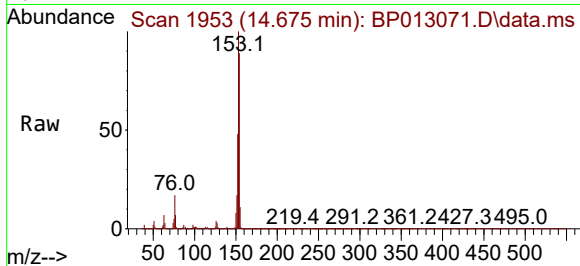




#52
Acenaphthene
Concen: 34.375 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

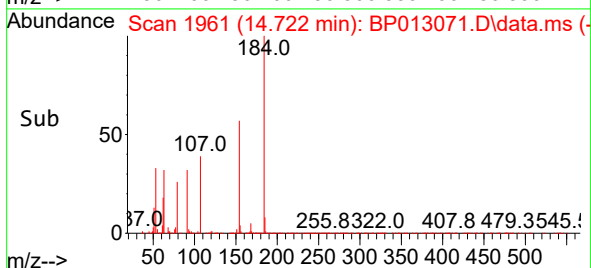
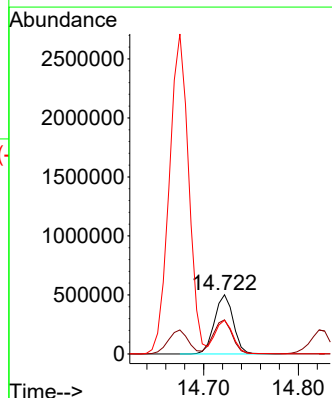
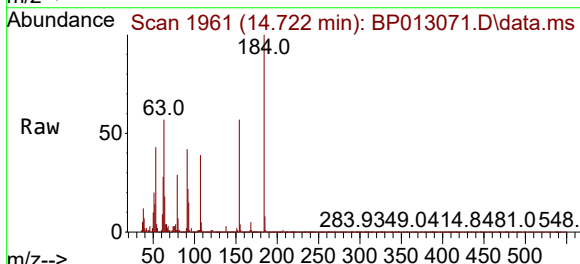
Instrument :
BNA_P
ClientSampleId :

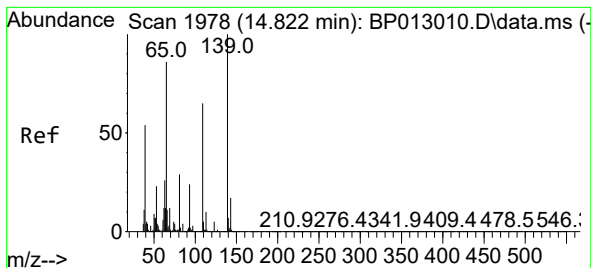
Tgt Ion:153 Resp: 4329365
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 88.9 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 35.760 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:184 Resp: 692692
Ion Ratio Lower Upper
184 100
63 57.5 48.4 72.6
154 56.9 45.5 68.3

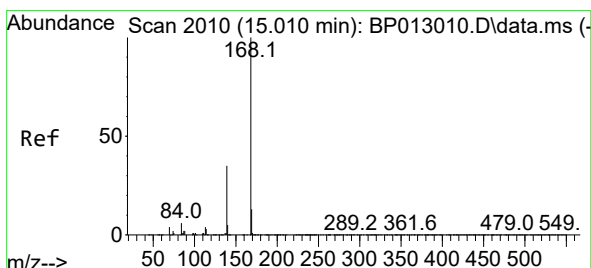
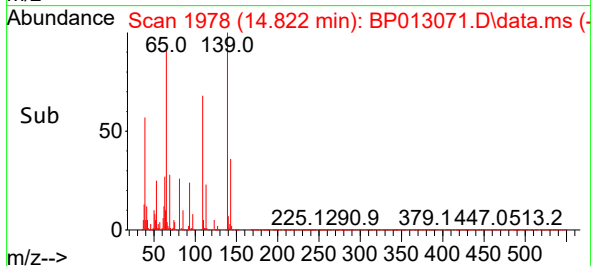
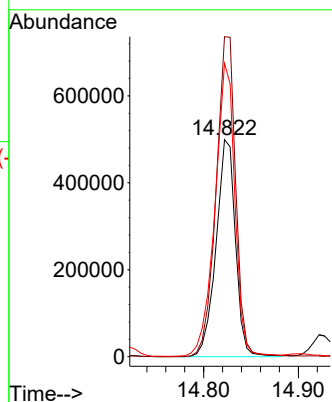
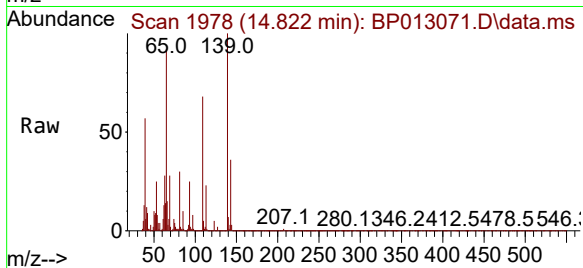




#55
4-Nitrophenol
Concen: 37.566 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

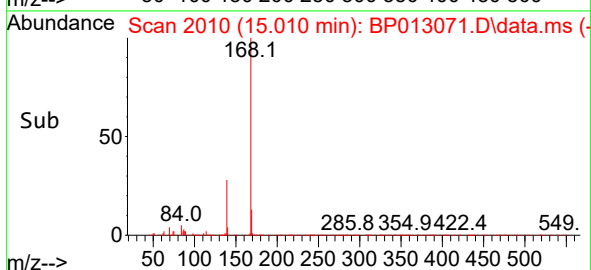
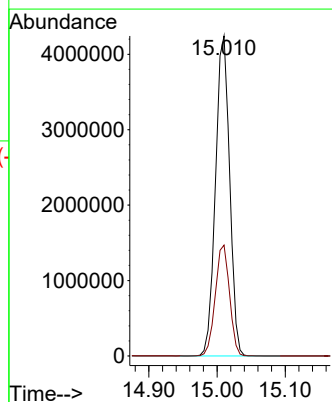
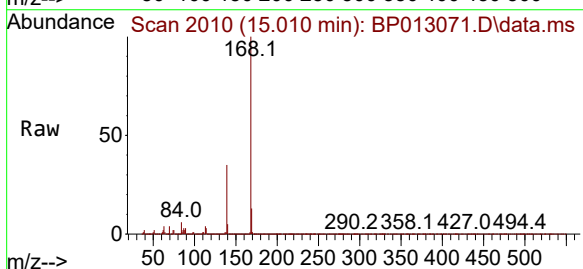
Instrument :
BNA_P
ClientSampleId :

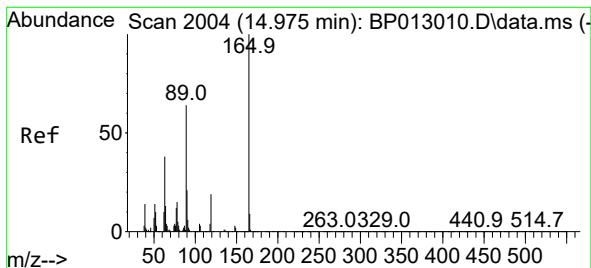
Tgt Ion	Ratio	Lower	Upper
109	100		
139	147.4	120.8	181.2
65	135.2	107.9	161.9



#56
Dibenzofuran
Concen: 34.203 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	27.9	41.9

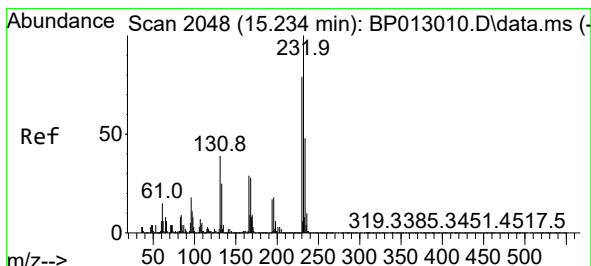
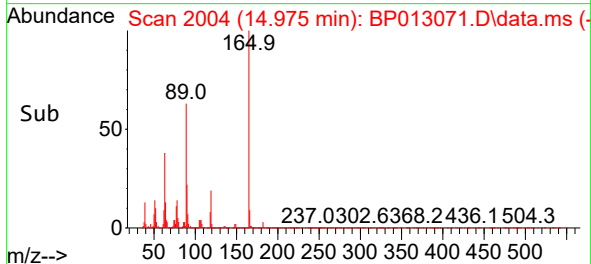
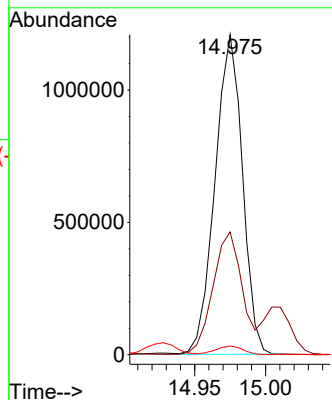
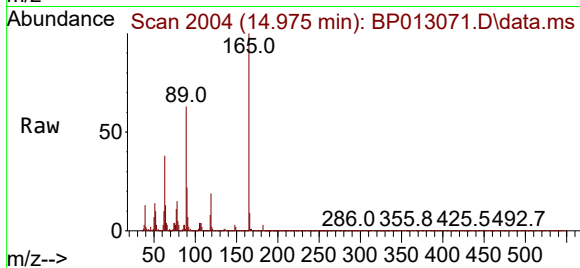




#57
2,4-Dinitrotoluene
Concen: 39.281 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

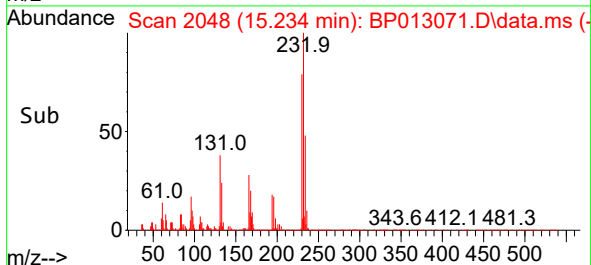
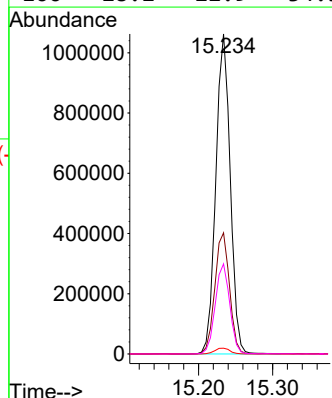
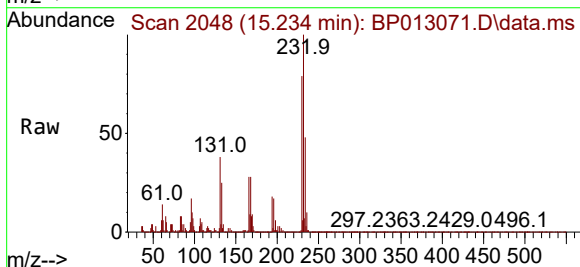
Instrument :
BNA_P
ClientSampleId :

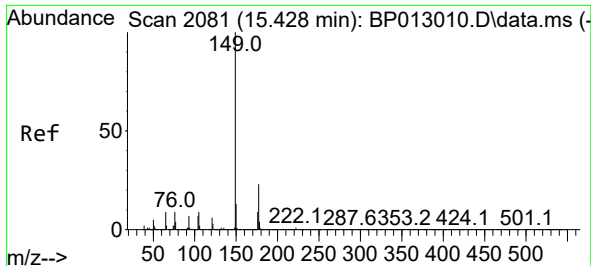
Tgt Ion:165 Resp: 1616897
Ion Ratio Lower Upper
165 100
63 38.4 31.8 47.6
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.316 ng/ul
RT: 15.234 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:232 Resp: 1434113
Ion Ratio Lower Upper
232 100
131 37.9 31.8 47.6
130 1.8 1.8 2.6
166 28.2 22.9 34.3

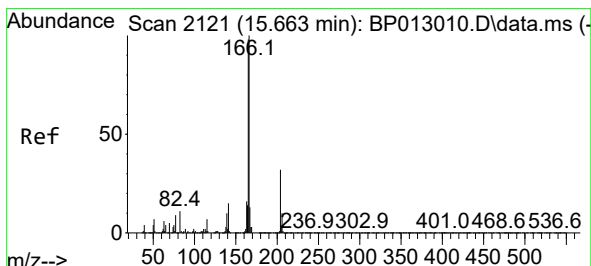
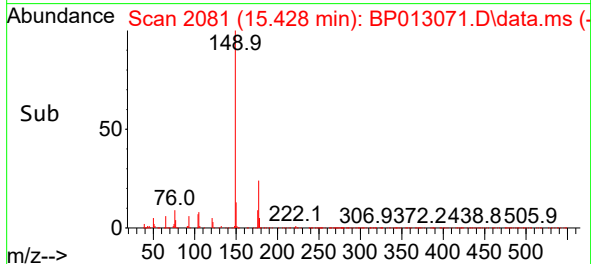
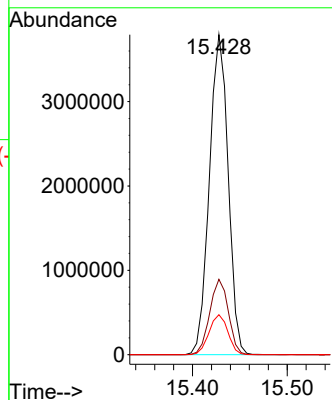
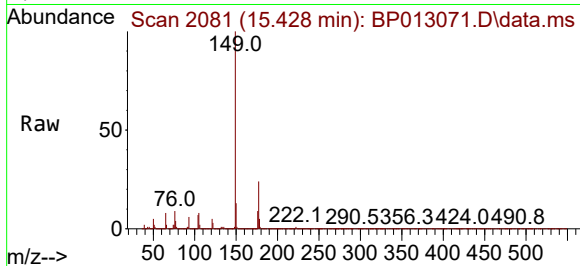




#59
Diethylphthalate
Concen: 35.170 ng/ul
RT: 15.428 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

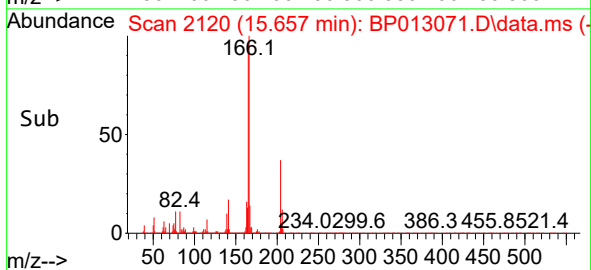
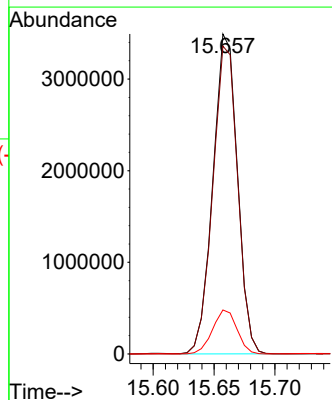
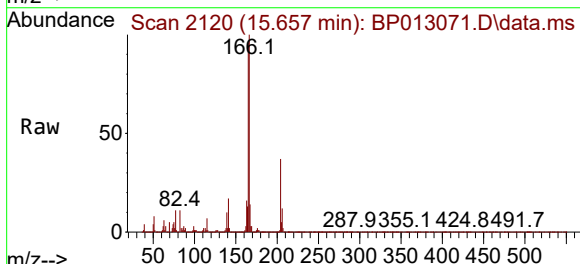
Instrument :
BNA_P
ClientSampleId :

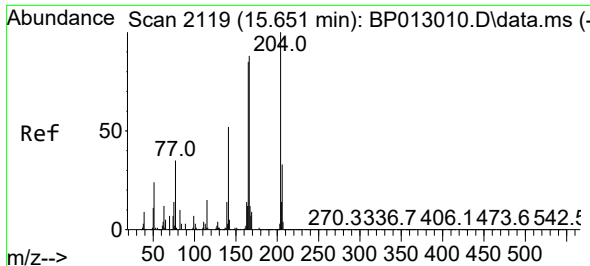
Tgt Ion:149 Resp: 5213231
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.5 9.9 14.9



#61
Fluorene
Concen: 34.072 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:166 Resp: 4893050
Ion Ratio Lower Upper
166 100
165 96.2 77.4 116.2
167 13.7 10.6 16.0

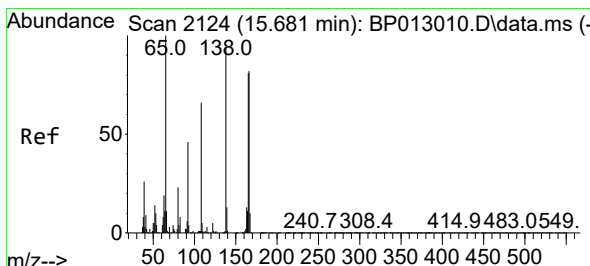
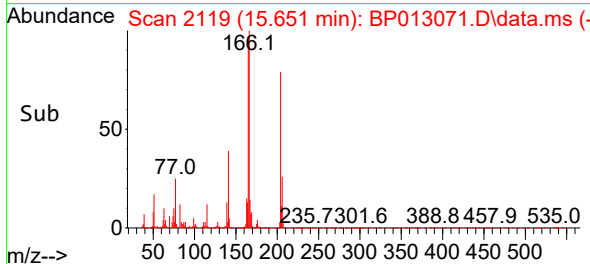
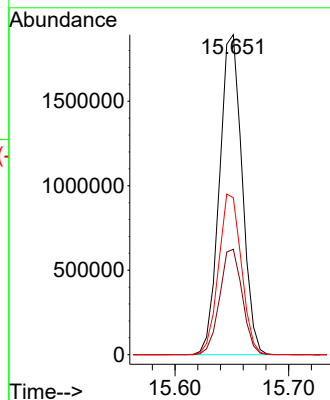
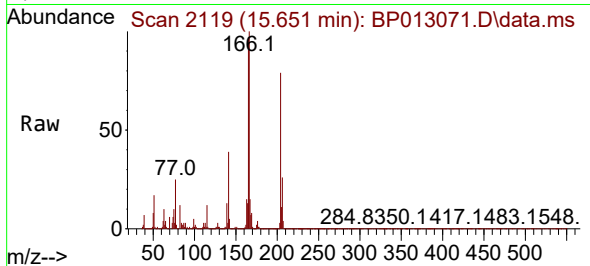




#62
4-Chlorophenyl-phenylether
Concen: 34.524 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

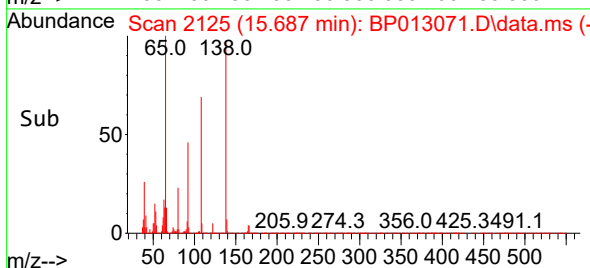
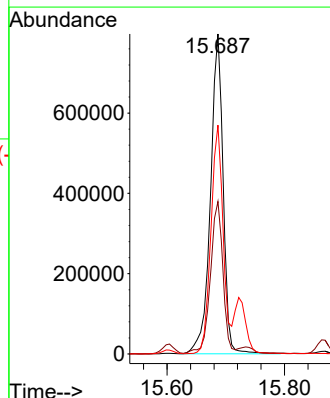
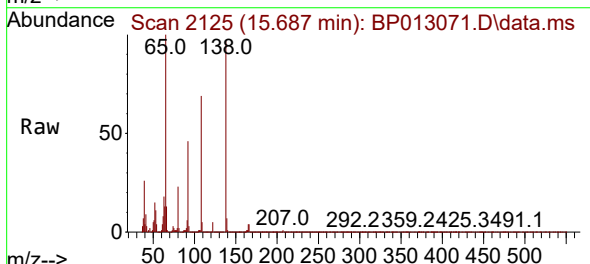
Instrument :
BNA_P
ClientSampleId :

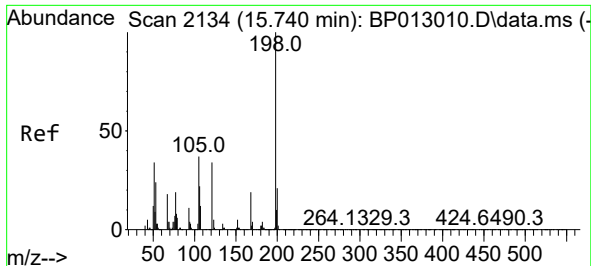
Tgt Ion:204 Resp: 2621965
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 49.1 40.4 60.6



#63
4-Nitroaniline
Concen: 50.856 ng/ul
RT: 15.687 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:138 Resp: 1197434
Ion Ratio Lower Upper
138 100
92 47.7 39.0 58.4
108 71.5 55.1 82.7

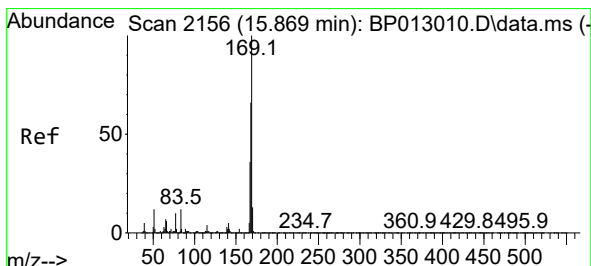
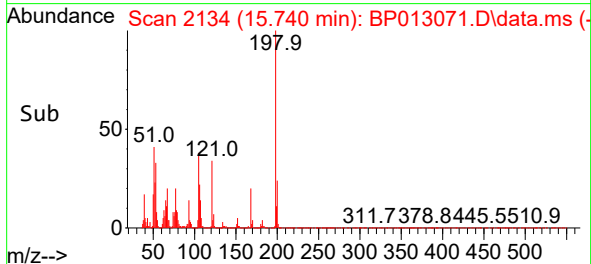
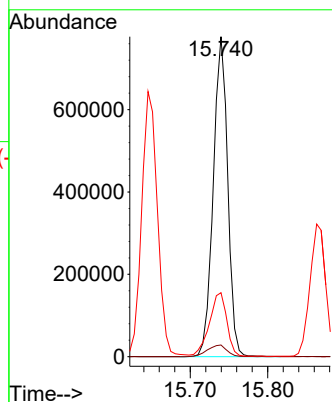
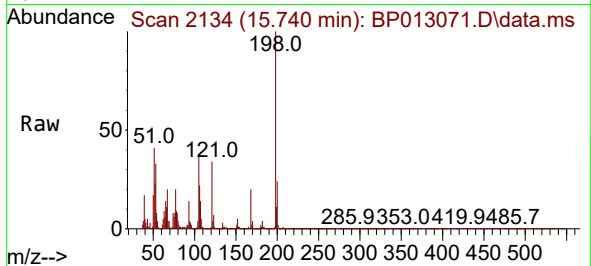




#66
4,6-Dinitro-2-methylphenol
Concen: 35.790 ng/ul
RT: 15.740 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

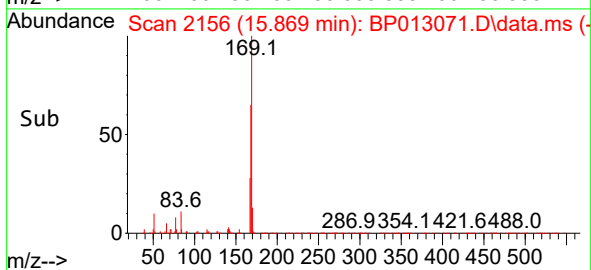
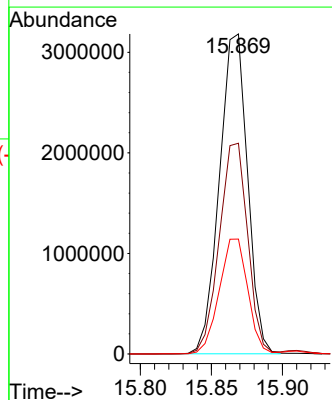
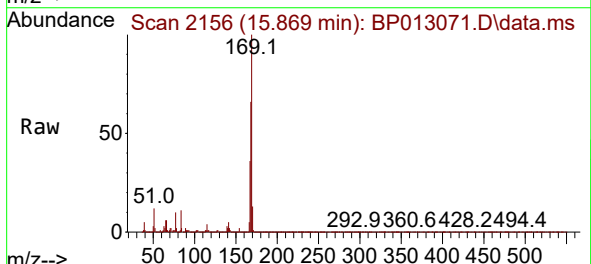
Instrument :
BNA_P
ClientSampleId :

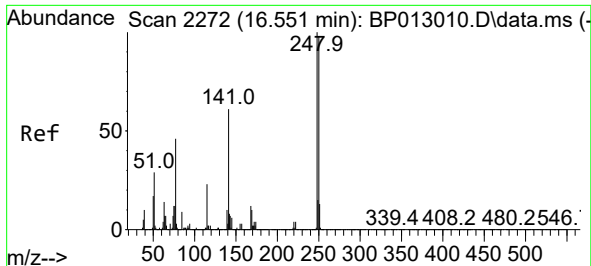
Tgt Ion:198 Resp: 1004296
Ion Ratio Lower Upper
198 100
182 3.7 3.3 4.9
77 20.0 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 35.493 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:169 Resp: 4390717
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 35.9 29.1 43.7

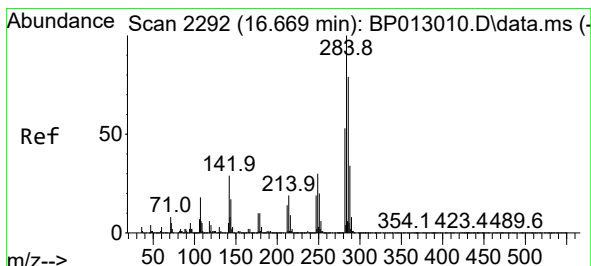
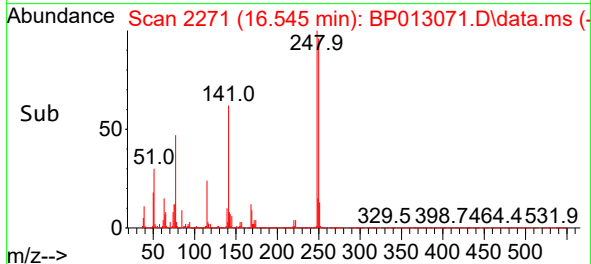
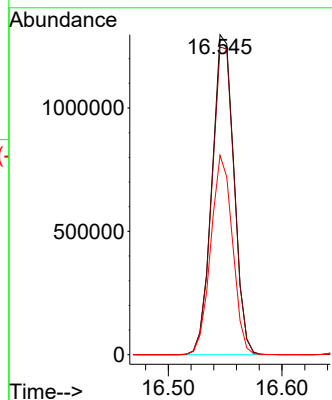
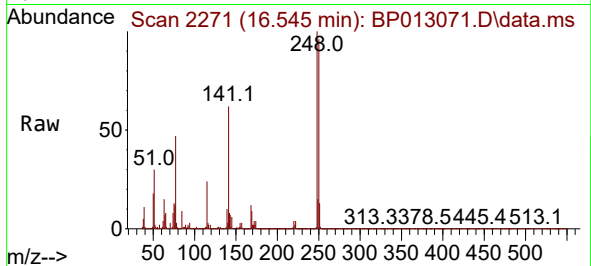




#68
4-Bromophenyl-phenylether
Concen: 36.002 ng/ul
RT: 16.545 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

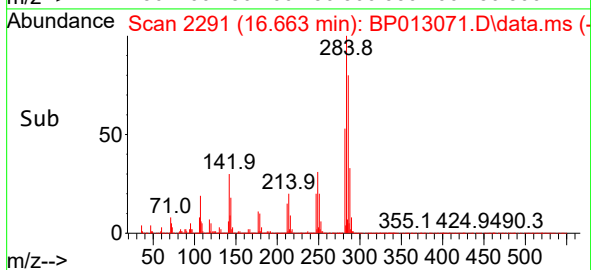
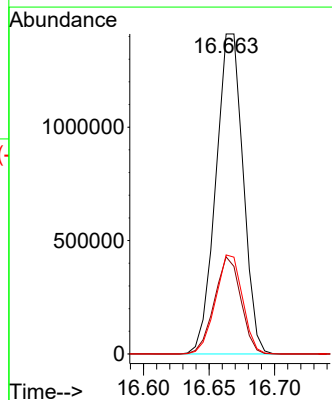
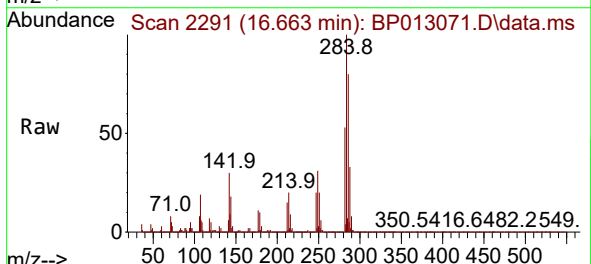
Instrument :
BNA_P
ClientSampleId :

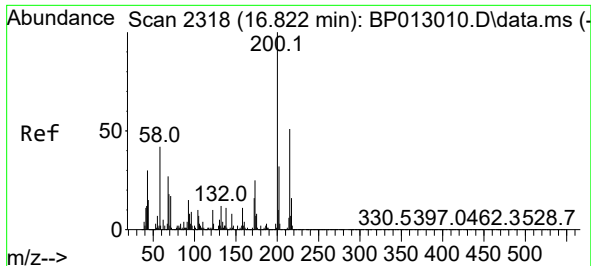
Tgt Ion:248 Resp: 1744580
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.0
141 62.3 48.3 72.5



#69
Hexachlorobenzene
Concen: 35.513 ng/ul
RT: 16.663 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:284 Resp: 2043315
Ion Ratio Lower Upper
284 100
142 30.4 22.6 34.0
249 31.0 24.6 37.0

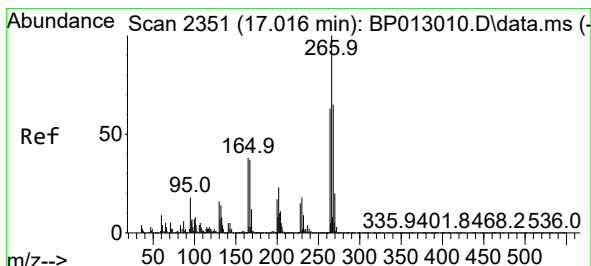
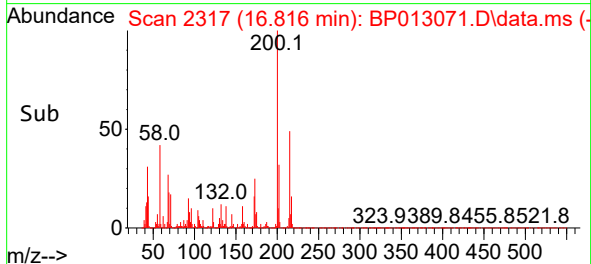
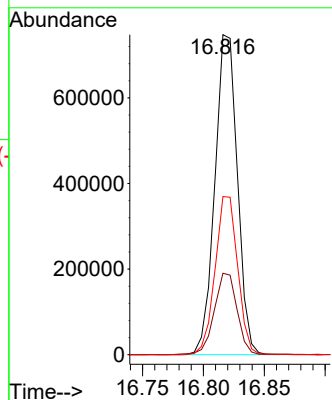
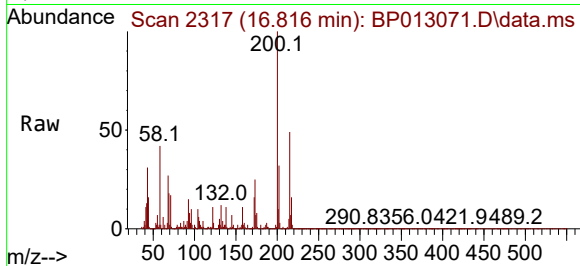




#70
 Atrazine
 Concen: 19.970 ng/ul
 RT: 16.816 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013071.D
 Acq: 11 Dec 2022 09:29

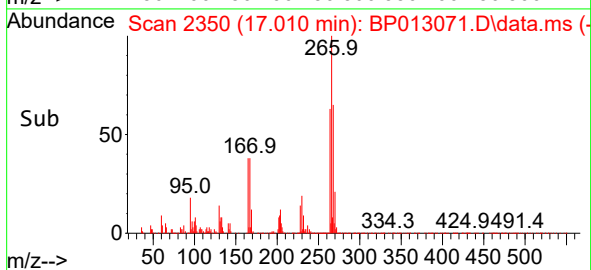
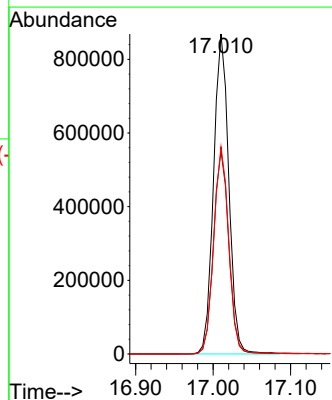
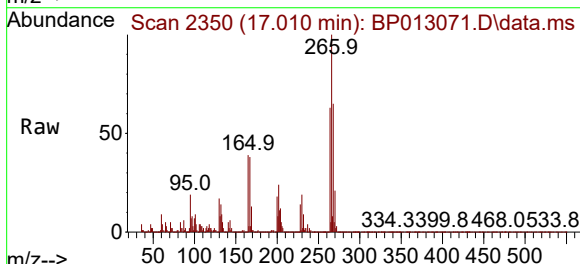
Instrument :
 BNA_P
 ClientSampleId :

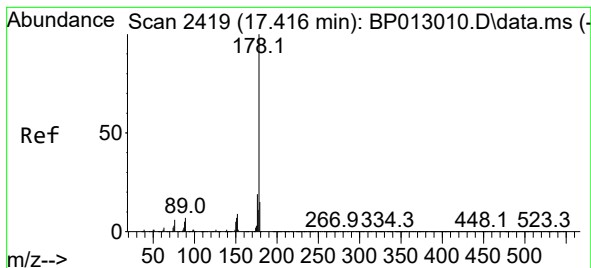
Tgt Ion:200 Resp: 962689
 Ion Ratio Lower Upper
 200 100
 173 25.4 20.5 30.7
 215 49.4 39.9 59.9



#71
 Pentachlorophenol
 Concen: 34.074 ng/ul
 RT: 17.010 min Scan# 2350
 Delta R.T. 0.000 min
 Lab File: BP013071.D
 Acq: 11 Dec 2022 09:29

Tgt Ion:266 Resp: 1187306
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.9 76.3
 268 64.8 51.4 77.2





#72

Phenanthrene

Concen: 35.311 ng/ul

RT: 17.410 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

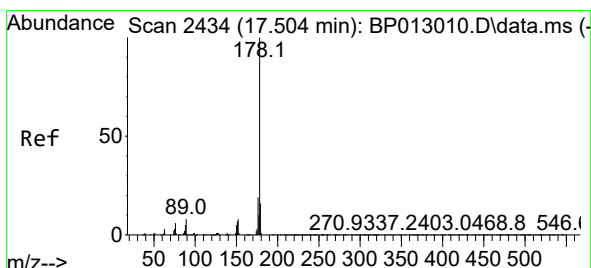
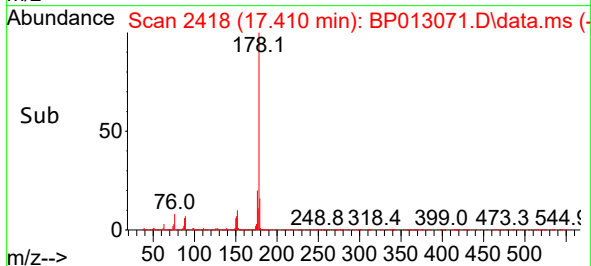
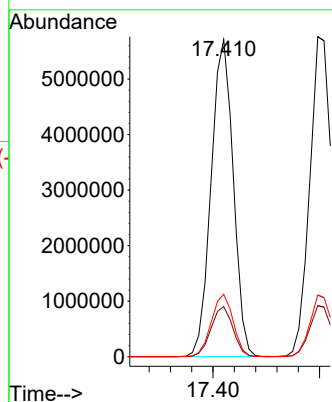
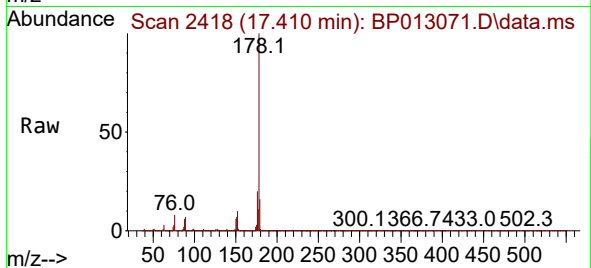
Tgt Ion:178 Resp: 8206672

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.7 15.4 23.0



#74

Anthracene

Concen: 35.357 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

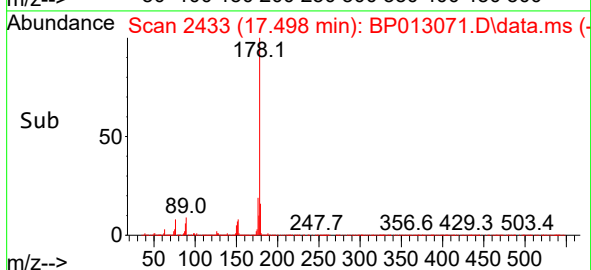
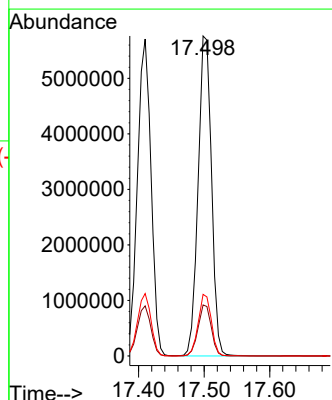
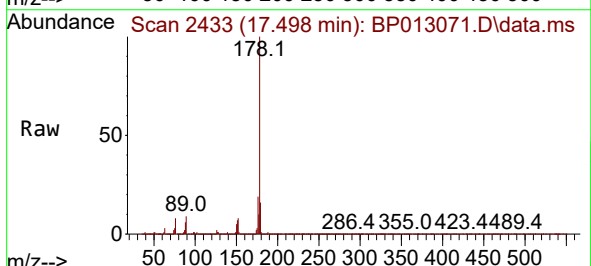
Tgt Ion:178 Resp: 8204999

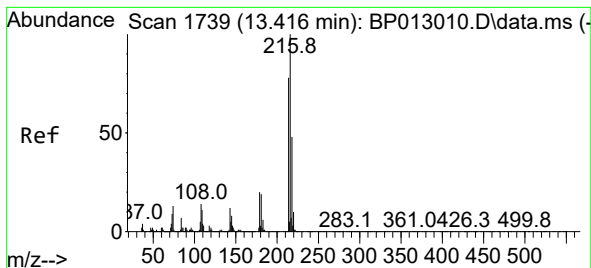
Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.3 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.275 ng/uL

RT: 13.410 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

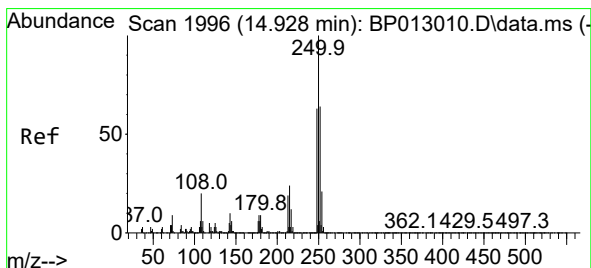
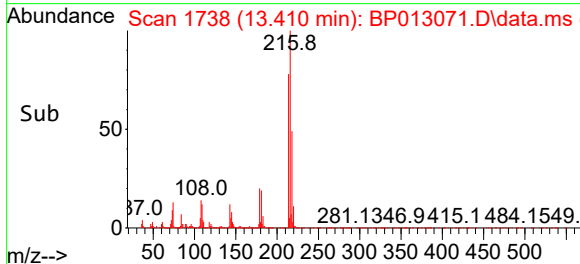
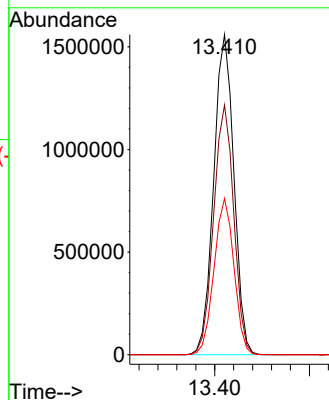
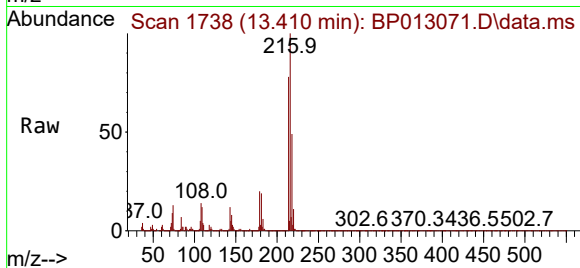
Tgt Ion:216 Resp: 2309324

Ion Ratio Lower Upper

216 100

214 78.0 62.2 93.2

218 48.8 38.9 58.3



#76

Pentachlorobenzene

Concen: 34.838 ng/uL

RT: 14.928 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

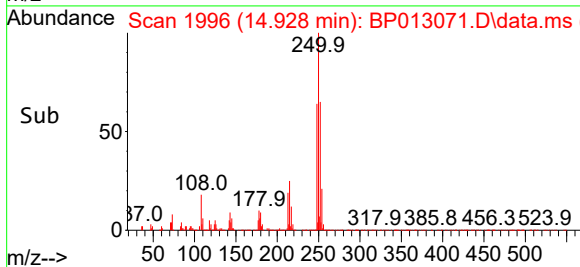
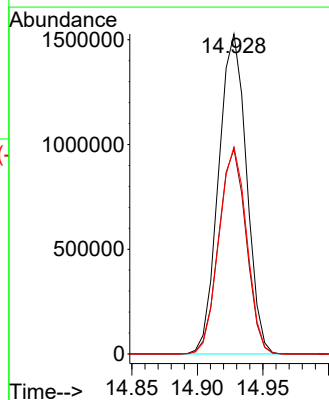
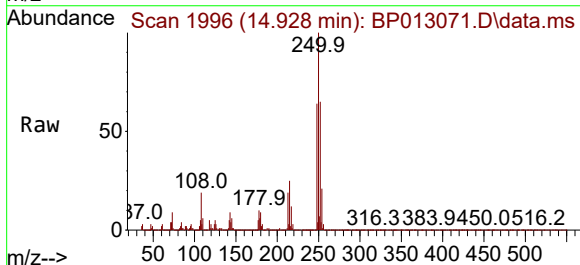
Tgt Ion:250 Resp: 2261220

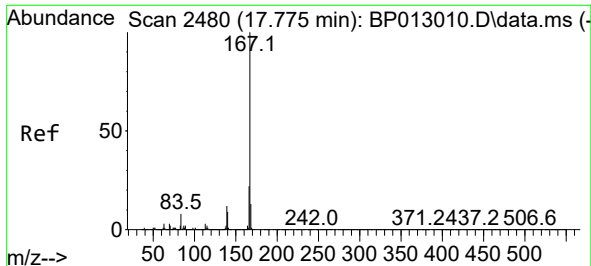
Ion Ratio Lower Upper

250 100

248 64.0 50.6 76.0

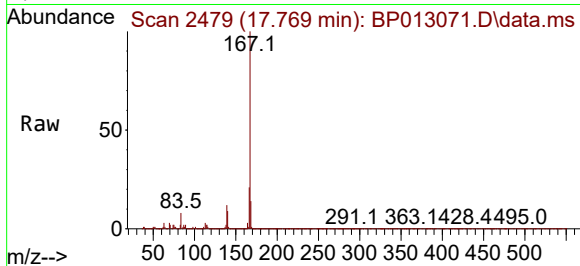
252 64.7 51.1 76.7



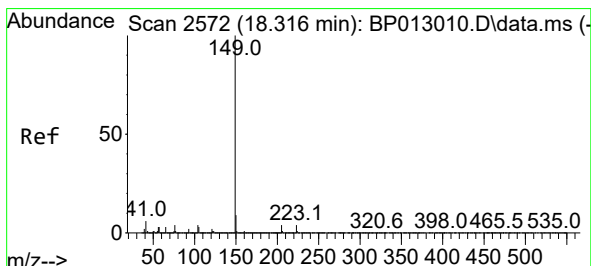
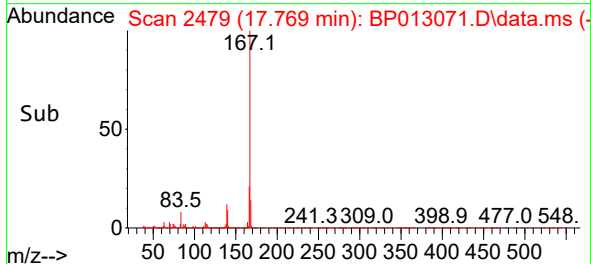
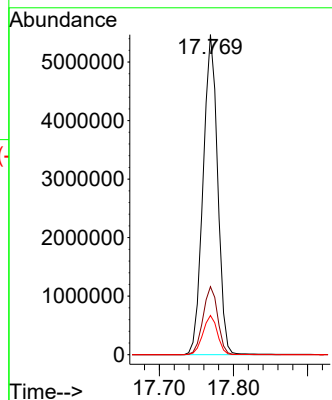


#77
 Carbazole
 Concen: 38.153 ng/ul
 RT: 17.769 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP013071.D
 Acq: 11 Dec 2022 09:29

Instrument :
 BNA_P
 ClientSampleId :

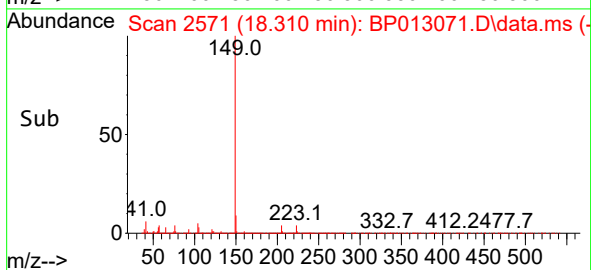
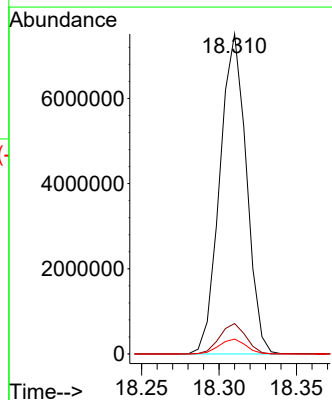
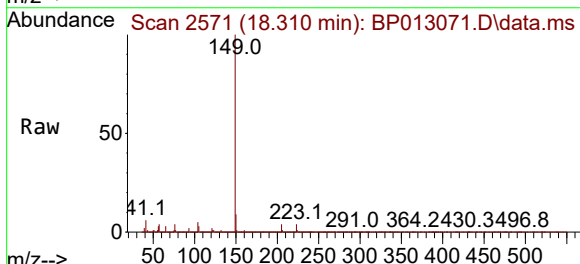


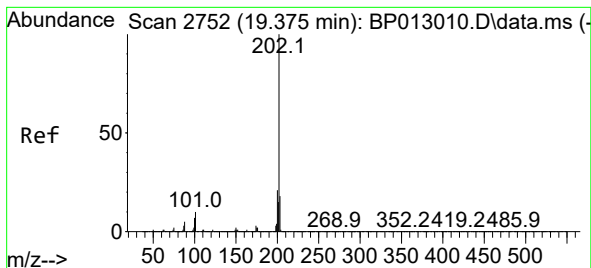
Tgt Ion:167 Resp: 7456548
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.2 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 37.692 ng/ul
 RT: 18.310 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BP013071.D
 Acq: 11 Dec 2022 09:29

Tgt Ion:149 Resp: 8969007
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.7 3.8 5.6





#80

Fluoranthene

Concen: 39.325 ng/ul

RT: 19.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

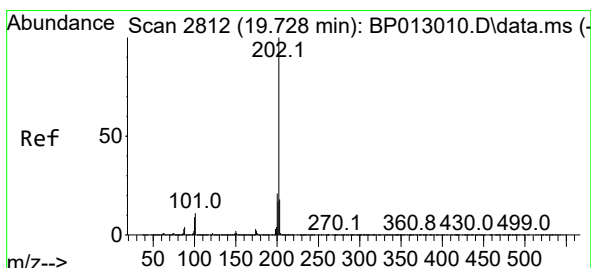
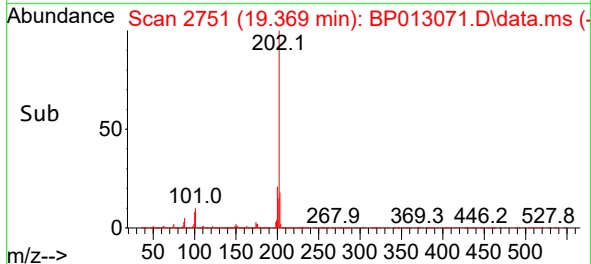
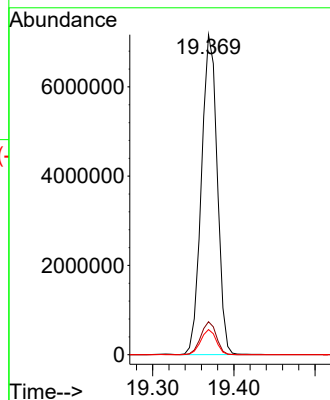
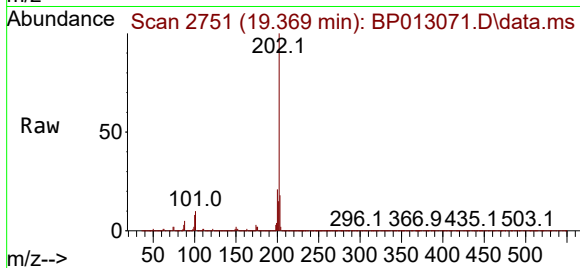
Tgt Ion:202 Resp: 9691075

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

100 7.8 6.1 9.1



#82

Pyrene

Concen: 38.561 ng/ul

RT: 19.722 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

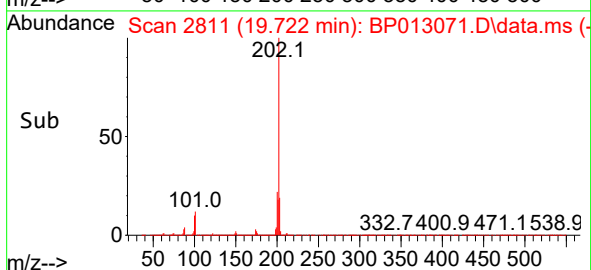
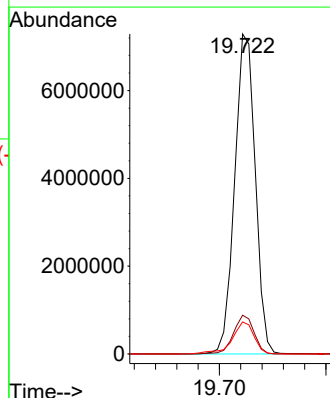
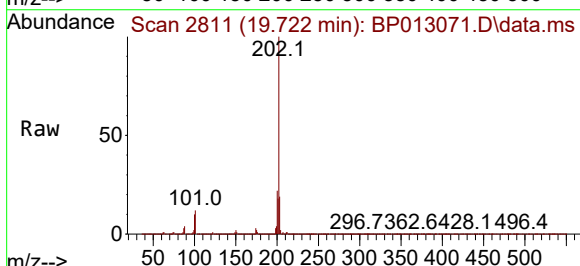
Tgt Ion:202 Resp: 9802426

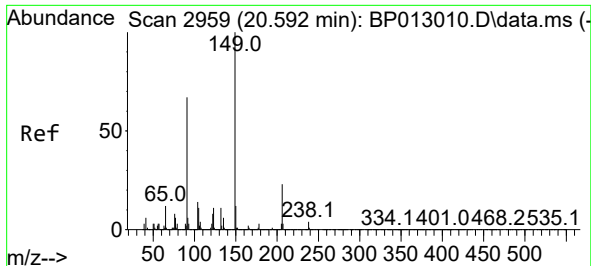
Ion Ratio Lower Upper

202 100

101 12.1 9.4 14.2

100 10.0 7.8 11.8

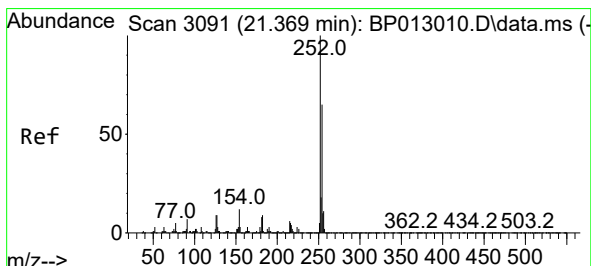
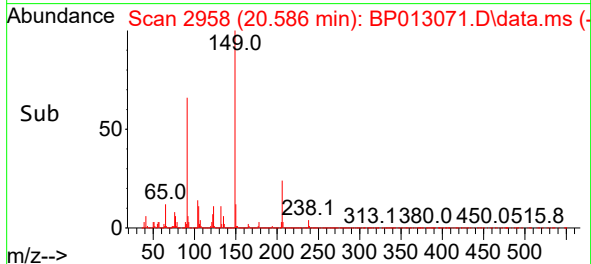
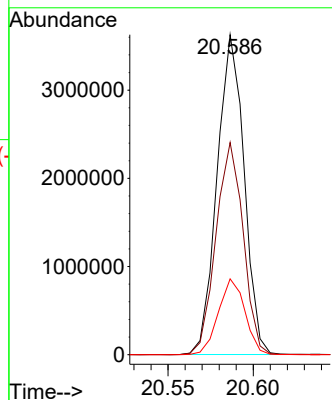
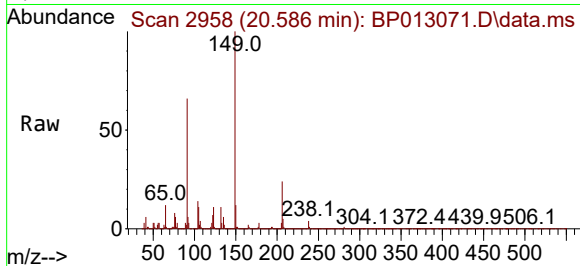




#83
Butylbenzylphthalate
Concen: 40.754 ng/ul
RT: 20.586 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

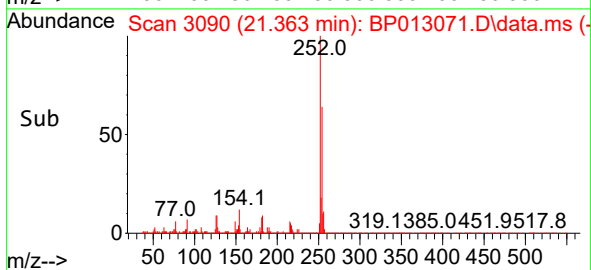
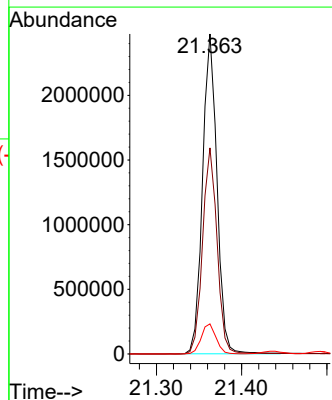
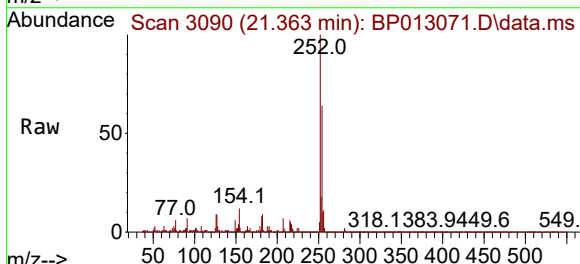
Instrument :
BNA_P
ClientSampleId :

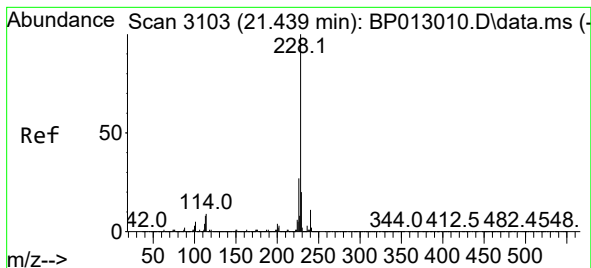
Tgt Ion:149 Resp: 4002329
Ion Ratio Lower Upper
149 100
91 66.3 53.4 80.0
206 23.7 17.9 26.9



#84
3,3'-Dichlorobenzidine
Concen: 34.050 ng/ul
RT: 21.363 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:252 Resp: 2909671
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.8
126 9.4 7.4 11.2





#85

Benzo(a)anthracene

Concen: 36.906 ng/ul

RT: 21.433 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

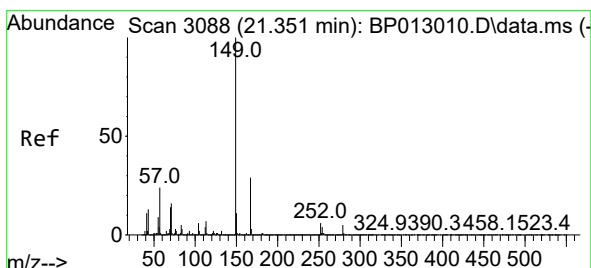
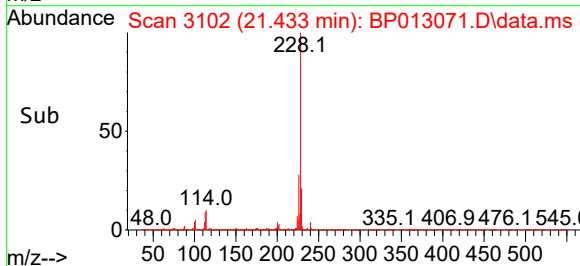
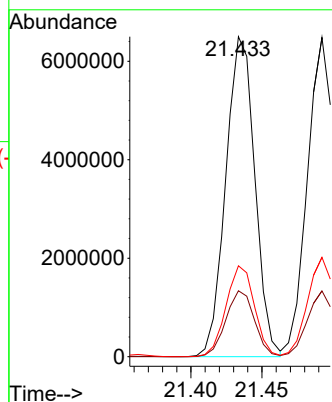
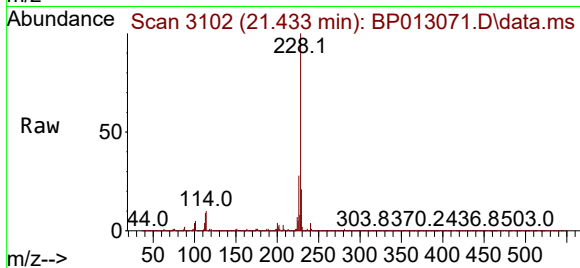
Tgt Ion:228 Resp: 9267660

Ion Ratio Lower Upper

228 100

229 20.6 16.1 24.1

226 28.4 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.399 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

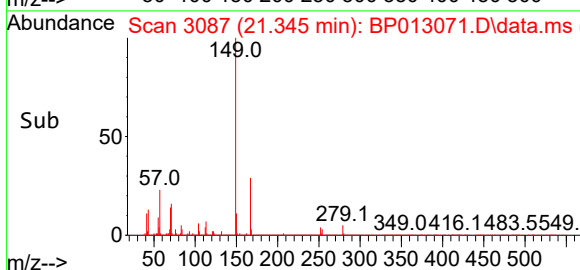
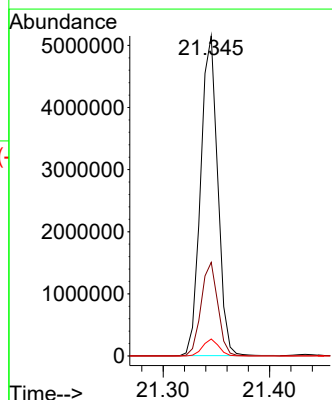
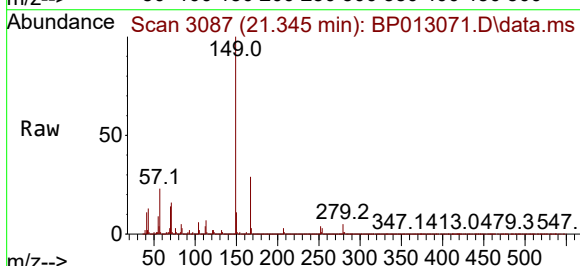
Tgt Ion:149 Resp: 5734968

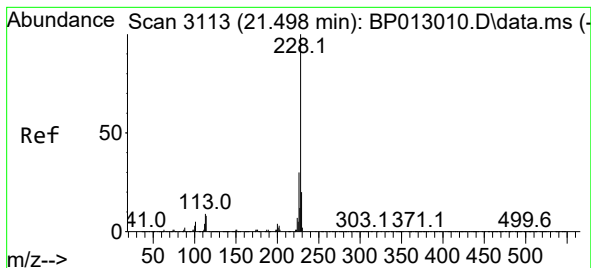
Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

279 5.3 3.8 5.8





#87

Chrysene

Concen: 36.244 ng/ul

RT: 21.492 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

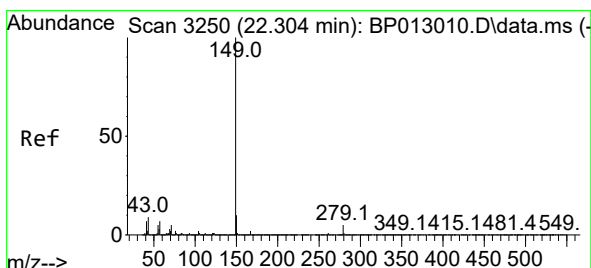
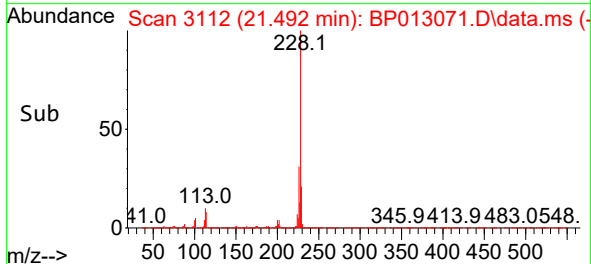
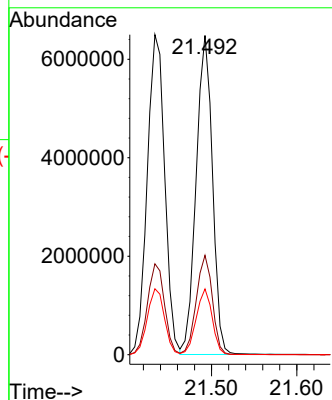
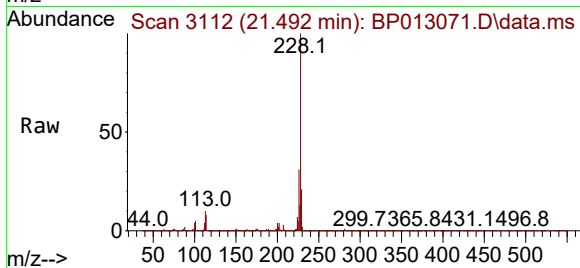
Tgt Ion:228 Resp: 8606902

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

229 20.6 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 49.955 ng/ul

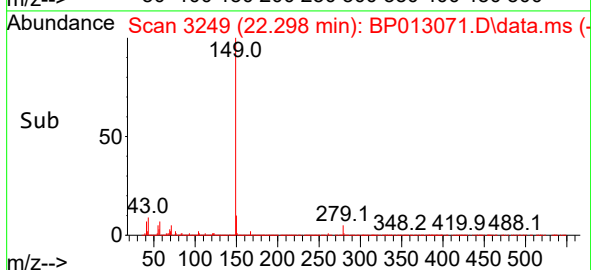
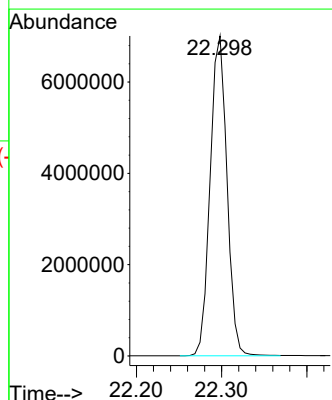
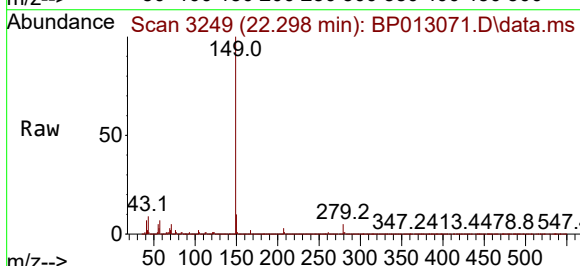
RT: 22.298 min Scan# 3249

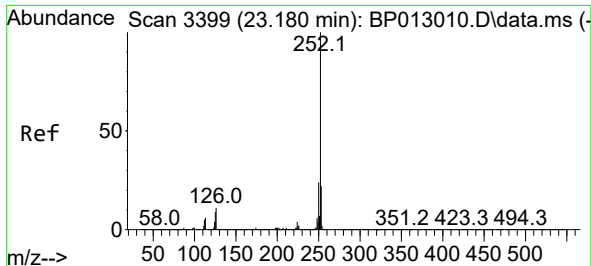
Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Tgt Ion:149 Resp: 9648599

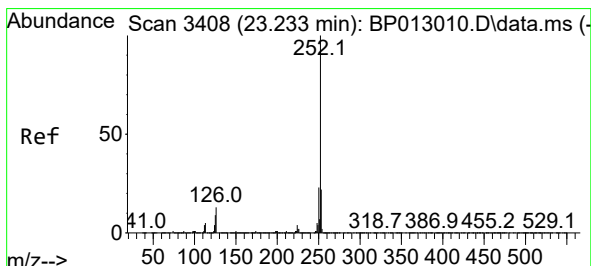
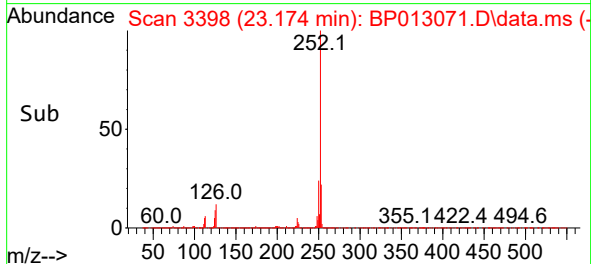
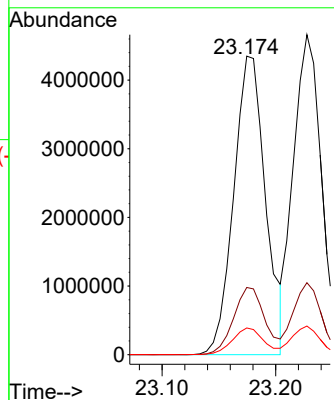
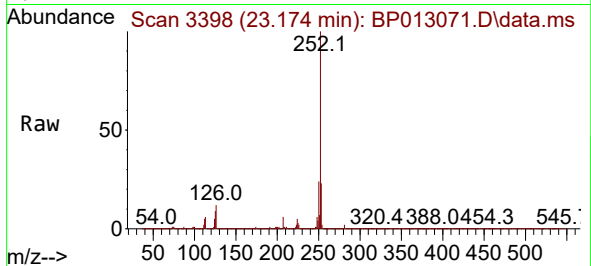




#90
Benzo(b)fluoranthene
Concen: 38.515 ng/ul
RT: 23.174 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

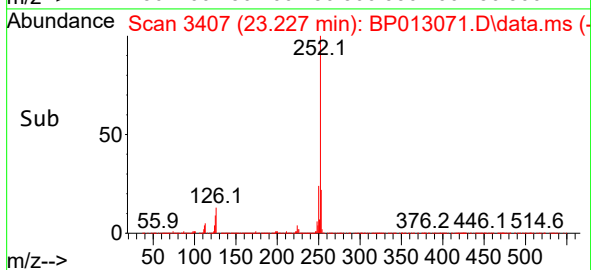
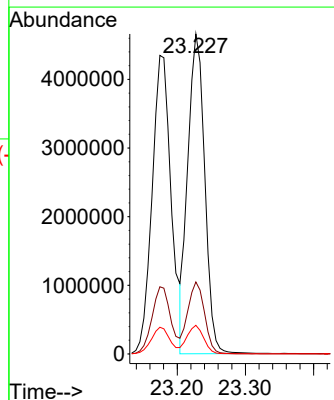
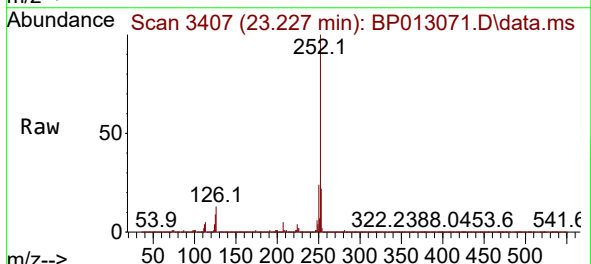
Instrument :
BNA_P
ClientSampleId :

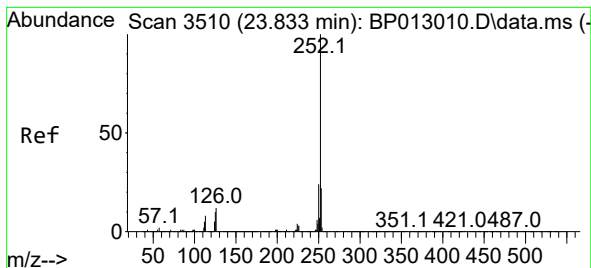
Tgt Ion:252 Resp: 8467530
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 8.9 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 36.724 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP013071.D
Acq: 11 Dec 2022 09:29

Tgt Ion:252 Resp: 8005832
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.0 6.8 10.2





#93

Benzo(a)pyrene

Concen: 36.907 ng/ul

RT: 23.833 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

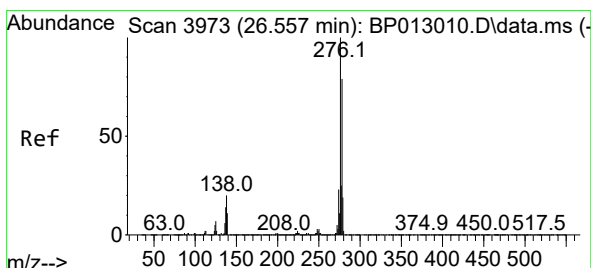
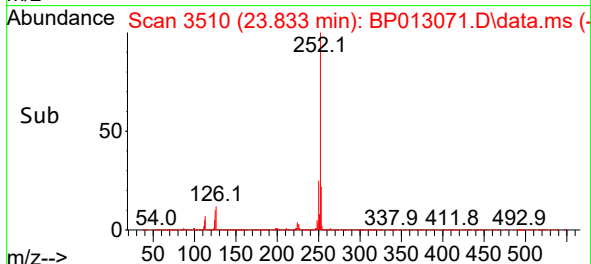
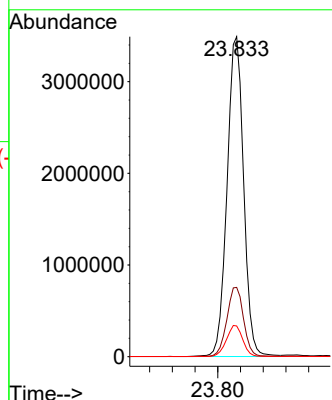
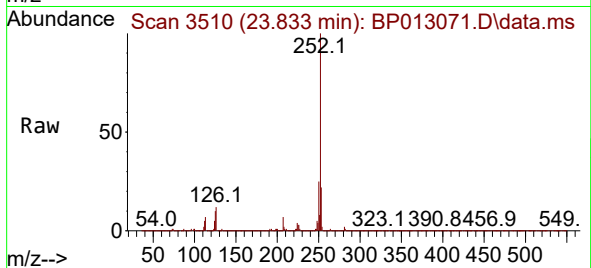
Tgt Ion:252 Resp: 7064979

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.6 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.830 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. 0.000 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

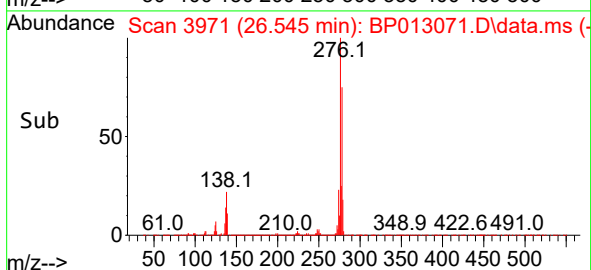
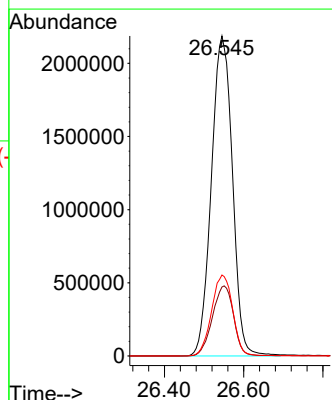
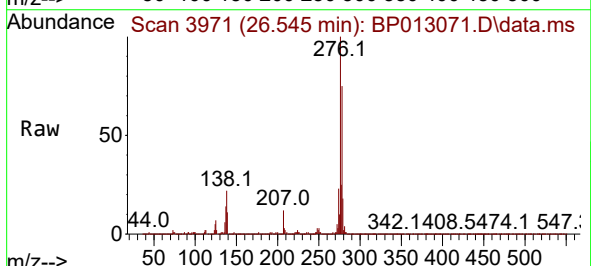
Tgt Ion:276 Resp: 8066638

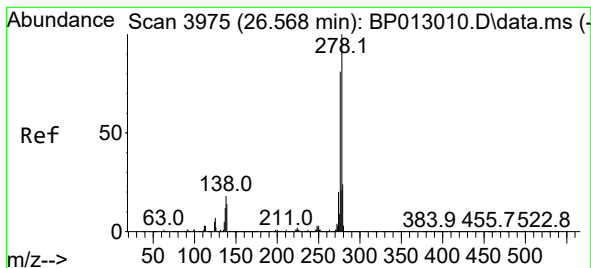
Ion Ratio Lower Upper

276 100

138 21.5 17.1 25.7

277 25.3 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 36.417 ng/ul

RT: 26.563 min Scan# 3975

Delta R.T. 0.006 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Instrument :

BNA_P

ClientSampleId :

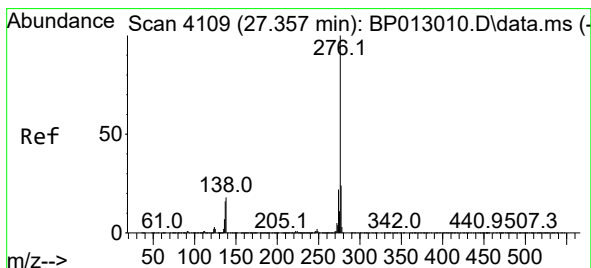
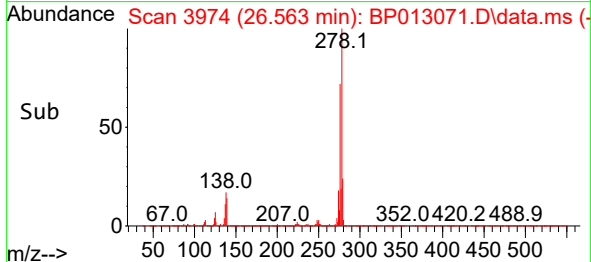
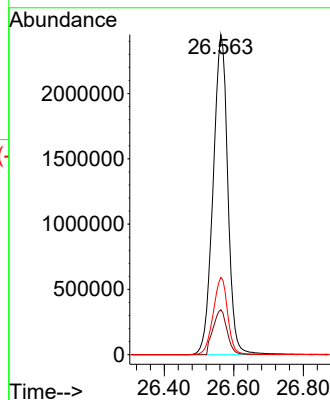
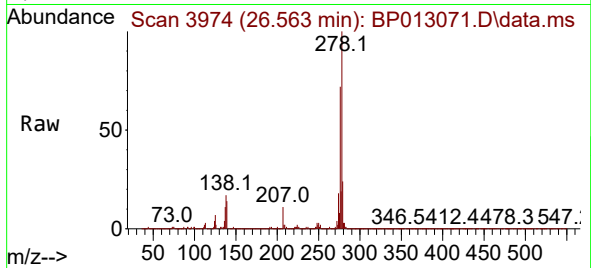
Tgt Ion:278 Resp: 7189467

Ion Ratio Lower Upper

278 100

139 14.1 11.1 16.7

279 24.2 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 34.741 ng/ul

RT: 27.351 min Scan# 4108

Delta R.T. 0.006 min

Lab File: BP013071.D

Acq: 11 Dec 2022 09:29

Tgt Ion:276 Resp: 6650411

Ion Ratio Lower Upper

276 100

138 19.0 15.4 23.2

277 23.9 19.1 28.7

