

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
 Data File : BP020360.D
 Acq On : 13 May 2024 19:19
 Operator : MA/JU
 Sample : P2371-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 13 22:29:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 10:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	74761	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	299125	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.287	164	202385	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	449947	20.000	ng/u1	0.01
79) Chrysene-d12	21.610	240	474542	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	537992	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	9727	5.495	ng/uL	0.00
4) Pyridine-d5	3.611	84	135132	26.272	ng/u1	-0.01
7) Phenol-d5	6.799	99	201793	31.430	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	117979	30.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	154826	33.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	156819	30.211	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	78611	35.095	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	91521	35.680	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	170912	36.513	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	215102	32.834	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	542183	36.685	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	588000	36.016	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	67274	29.617	ng/u1	0.00
60) Fluorene-d10	15.310	176	446993	36.261	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	96849	33.920	ng/u1	0.00
73) Anthracene-d10	17.228	188	722852	37.136	ng/u1	0.01
81) Pyrene-d10	19.627	212	906908	32.694	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	959613	36.890	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	29098	14.486	ng/uL	99
5) Pyridine	3.628	79	192627	37.026	ng/u1	97
6) Benzaldehyde	6.781	77	154968	48.020	ng/u1	97
8) Phenol	6.828	94	258332	38.983	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.058	93	192012	37.029	ng/u1	98
12) 2-Chlorophenol	7.181	128	199130	41.554	ng/u1	95
13) 2-Methylphenol	8.052	108	188666	38.168	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.128	45	229164	35.428	ng/u1	98
16) Acetophenone	8.434	105	325233	37.752	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	172586	36.916	ng/u1	94
18) 4-Methylphenol	8.387	108	207333	38.591	ng/u1	99
19) Hexachloroethane	8.652	117	84234	38.438	ng/u1	95
22) Nitrobenzene	8.810	77	258074	40.135	ng/u1	98
23) Isophorone	9.334	82	476891	38.569	ng/u1	99
25) 2-Nitrophenol	9.510	139	119342	44.917	ng/u1	91
26) 2,4-Dimethylphenol	9.569	107	198787	34.293	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.810	93	264350	38.565	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	208732	45.844	ng/u1	99
30) Naphthalene	10.428	128	628052	40.735	ng/u1	100
32) 4-Chloroaniline	10.569	127	244821	38.216	ng/u1	98
33) Hexachlorobutadiene	10.693	225	149407	42.248	ng/u1	98
34) Caprolactam	11.381	113	63169	39.735	ng/u1	94
35) 4-Chloro-3-methylphenol	11.710	107	247477	43.655	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	453972	42.318	ng/u1	97

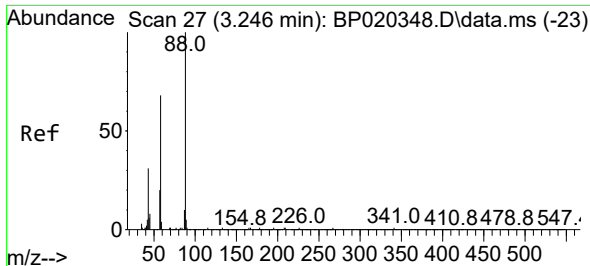
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
 Data File : BP020360.D
 Acq On : 13 May 2024 19:19
 Operator : MA/JU
 Sample : P2371-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 13 22:29:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 10:50:47 2024
 Response via : Initial Calibration

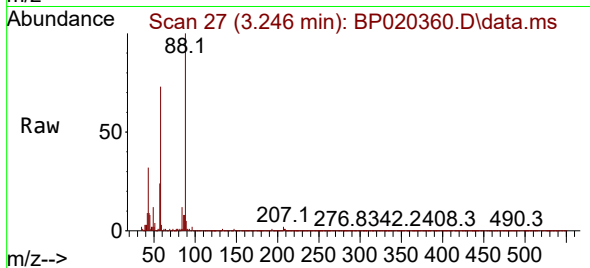
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	455591	42.203	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	291730	46.219	ng/ul	100
40) Hexachlorocyclopentadiene	12.393	237	81132	23.635	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	185181	46.784	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	204371	47.982	ng/ul	95
43) 1,1'-Biphenyl	13.104	154	616347	43.058	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	486112	42.796	ng/ul	99
45) 2-Nitroaniline	13.381	65	165566	43.944	ng/ul	97
47) Dimethylphthalate	13.751	163	629852	42.191	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	134307	45.256	ng/ul	98
50) Acenaphthylene	14.004	152	772593	42.073	ng/ul	98
51) 3-Nitroaniline	14.234	138	127494	46.060	ng/ul	99
52) Acenaphthene	14.357	153	510198	41.344	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	72179	39.624	ng/ul	93
55) 4-Nitrophenol	14.569	109	88727	37.518	ng/ul	93
56) Dibenzofuran	14.704	168	745150	43.904	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	201707	47.274	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.939	232	184855	48.331	ng/ul	94
59) Diethylphthalate	15.157	149	638385	42.839	ng/ul	99
61) Fluorene	15.375	166	619432	43.925	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	332103	44.390	ng/ul	95
63) 4-Nitroaniline	15.428	138	120197	52.107	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.486	198	124109	41.685	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	526148	41.997	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	212115	43.522	ng/ul	95
69) Hexachlorobenzene	16.398	284	251540	44.561	ng/ul	96
70) Atrazine	16.598	200	209624	47.188	ng/ul	100
71) Pentachlorophenol	16.775	266	148351	43.480	ng/ul	98
72) Phenanthrene	17.169	178	1000219	43.570	ng/ul	99
74) Anthracene	17.263	178	975143	41.763	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	277899	41.557	ng/uL	98
76) Pentachlorobenzene	14.610	250	291863	43.614	ng/uL	98
77) Carbazole	17.563	167	903930	44.939	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1108035	45.446	ng/ul	99
80) Fluoranthene	19.280	202	1267145	38.816	ng/ul	99
82) Pyrene	19.657	202	1339984	39.450	ng/ul	99
83) Butylbenzylphthalate	20.627	149	526409	40.826	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	376865	39.022	ng/ul	99
85) Benzo(a)anthracene	21.592	228	1355666	42.119	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	768225	41.300	ng/ul	99
87) Chrysene	21.663	228	1296295	43.454	ng/ul	99
89) Di-n-octyl phthalate	22.821	149	1331712	38.652	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1389516	43.418	ng/ul	98
91) Benzo(k)fluoranthene	23.974	252	1380723	42.335	ng/ul	100
93) Benzo(a)pyrene	24.798	252	1175956	38.618	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	829892	22.232	ng/ul	97
95) Dibenzo(a,h)anthracene	28.862	278	1337289	43.312	ng/ul	98
96) Benzo(g,h,i)perylene	29.950	276	1283428	42.629	ng/ul	98

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

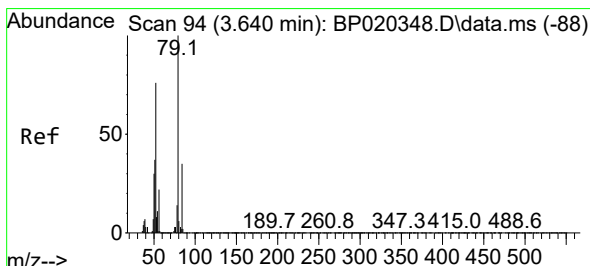
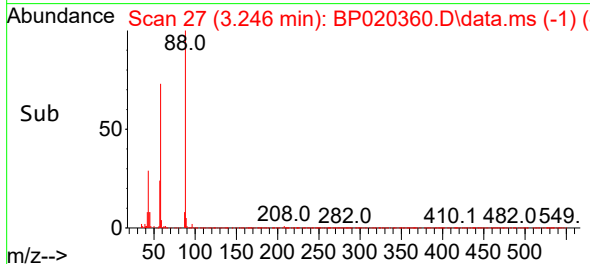
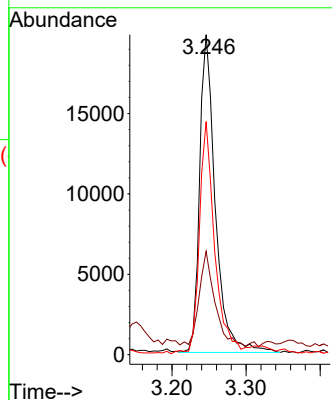


#2
1,4-Dioxane
Concen: 14.486 ng/uL
RT: 3.246 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Instrument :
BNA_P
ClientSampleId :

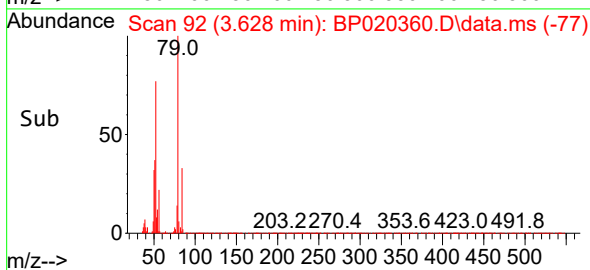
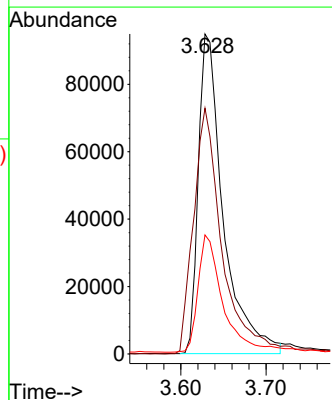
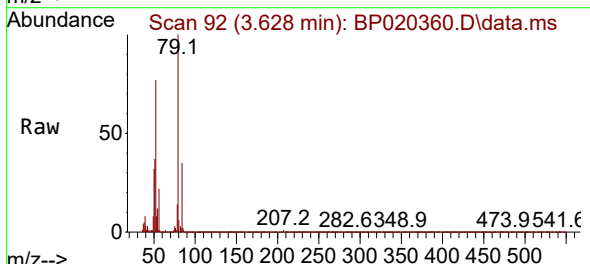


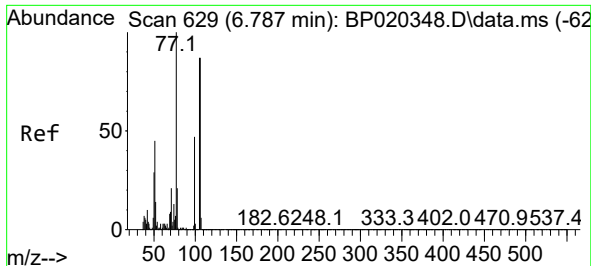
Tgt Ion: 88 Resp: 29098
Ion Ratio Lower Upper
88 100
43 32.3 23.9 35.9
58 72.8 58.2 87.4



#5
Pyridine
Concen: 37.026 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. -0.012 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

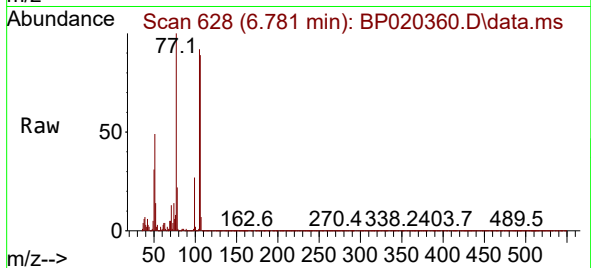
Tgt Ion: 79 Resp: 192627
Ion Ratio Lower Upper
79 100
52 76.8 60.7 91.1
51 37.2 33.1 49.7



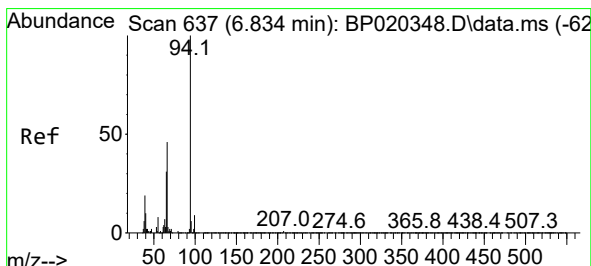
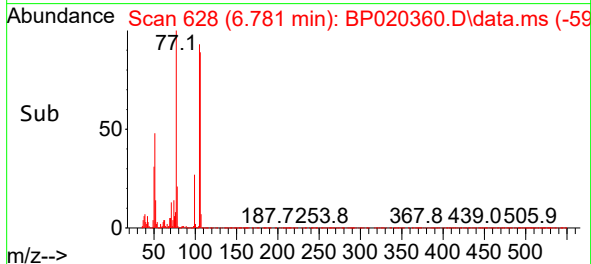
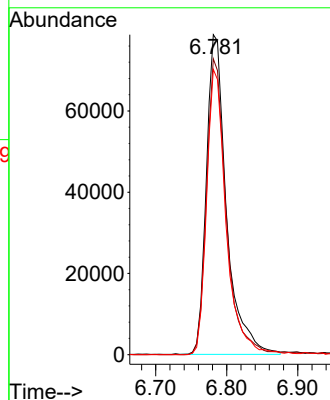


#6
Benzaldehyde
Concen: 48.020 ng/ul
RT: 6.781 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Instrument :
BNA_P
ClientSampleId :

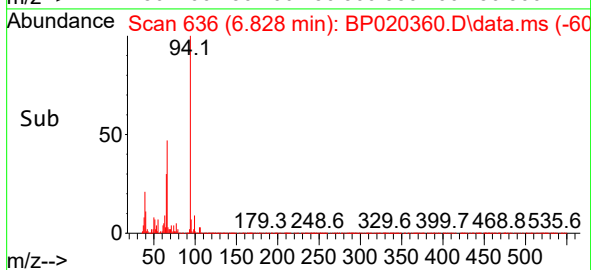
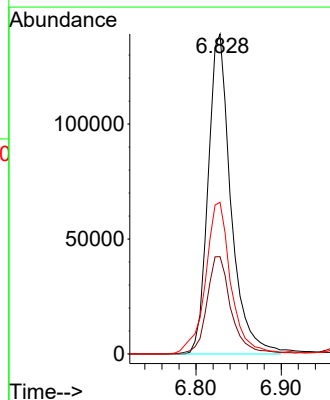
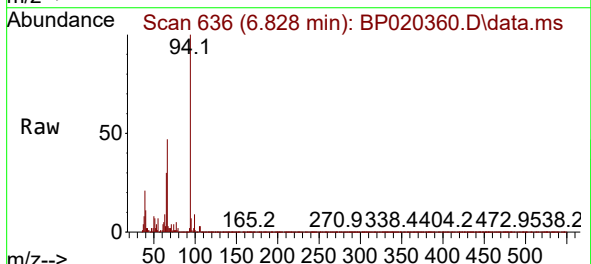


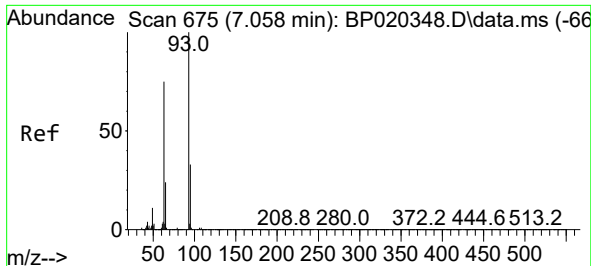
Tgt Ion: 77 Resp: 154968
Ion Ratio Lower Upper
77 100
105 92.5 75.4 113.2
106 89.1 68.2 102.2



#8
Phenol
Concen: 38.983 ng/ul
RT: 6.828 min Scan# 636
Delta R.T. -0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion: 94 Resp: 258332
Ion Ratio Lower Upper
94 100
65 30.4 26.1 39.1
66 47.4 38.6 57.8

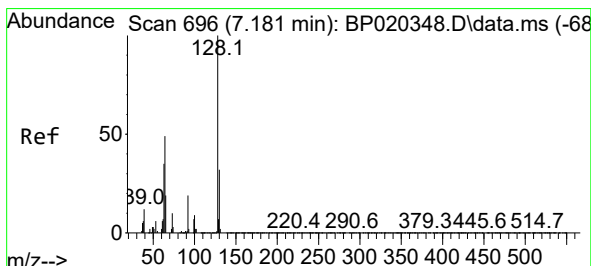
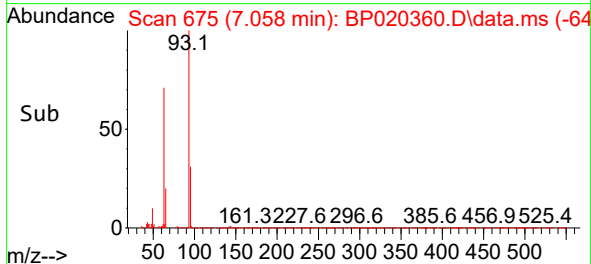
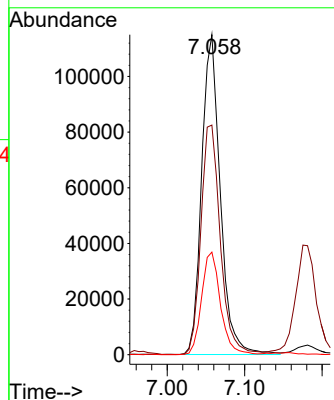
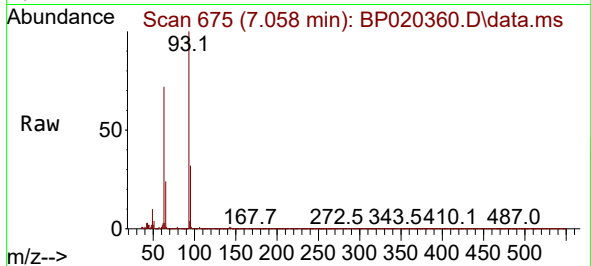




#10
Bis(2-Chloroethyl)ether
Concen: 37.029 ng/ul
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

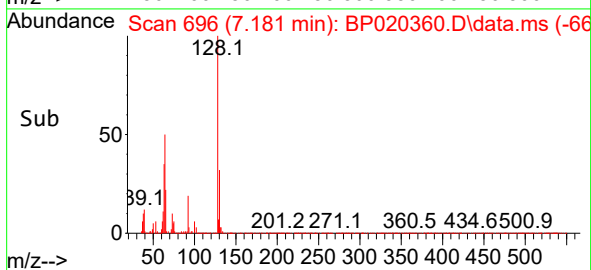
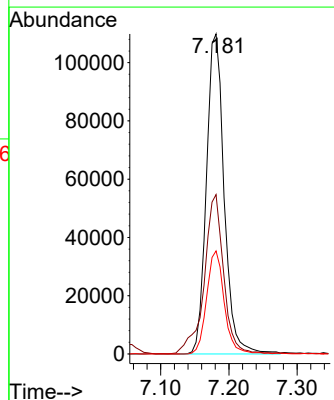
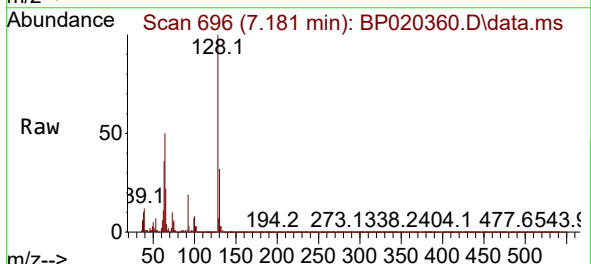
Instrument :
BNA_P
ClientSampleId :

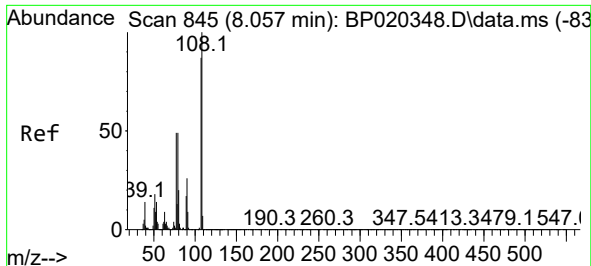
Tgt Ion: 93 Resp: 192012
Ion Ratio Lower Upper
93 100
63 71.8 59.5 89.3
95 32.1 25.3 37.9



#12
2-Chlorophenol
Concen: 41.554 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:128 Resp: 199130
Ion Ratio Lower Upper
128 100
64 49.8 43.8 65.6
130 32.2 26.5 39.7





#13

2-Methylphenol

Concen: 38.168 ng/ul

RT: 8.052 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

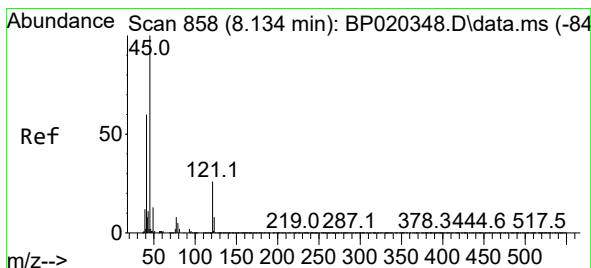
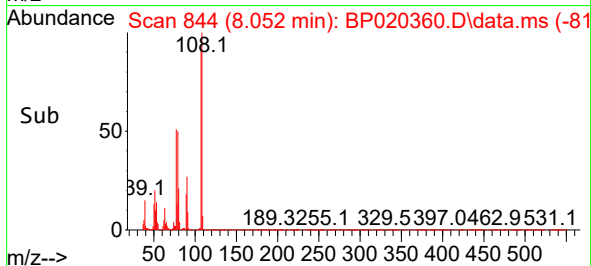
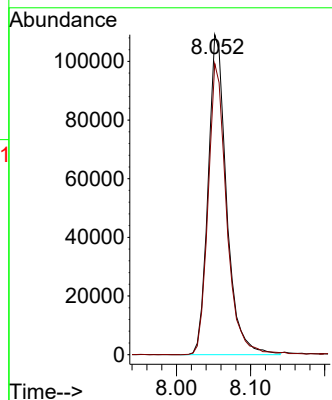
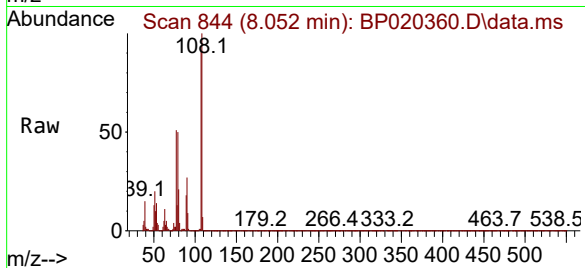
ClientSampleId :

Tgt Ion:108 Resp: 188666

Ion Ratio Lower Upper

108 100

107 91.0 73.0 109.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.428 ng/ul

RT: 8.128 min Scan# 857

Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

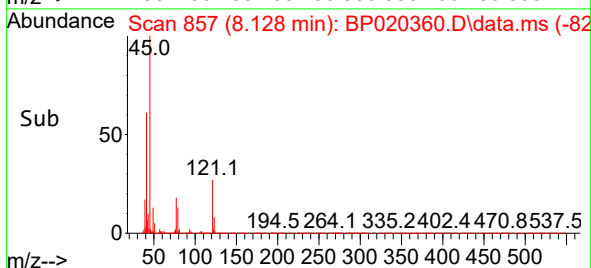
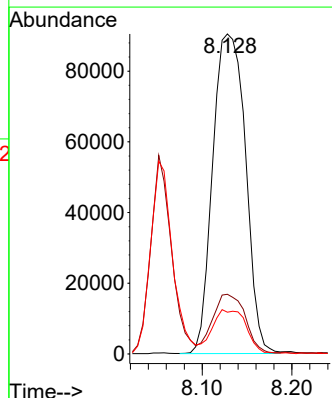
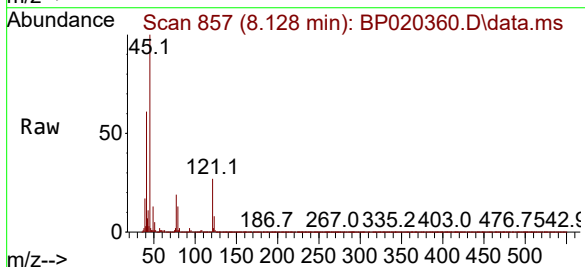
Tgt Ion: 45 Resp: 229164

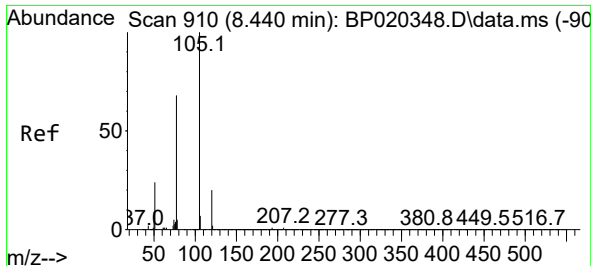
Ion Ratio Lower Upper

45 100

77 18.7 13.8 20.8

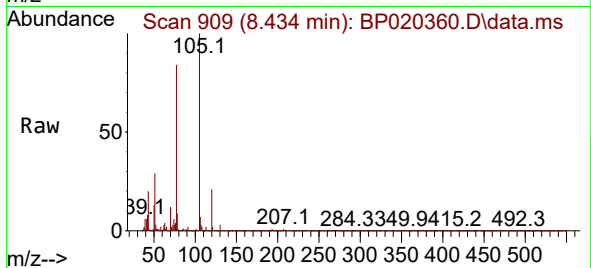
79 13.0 10.9 16.3



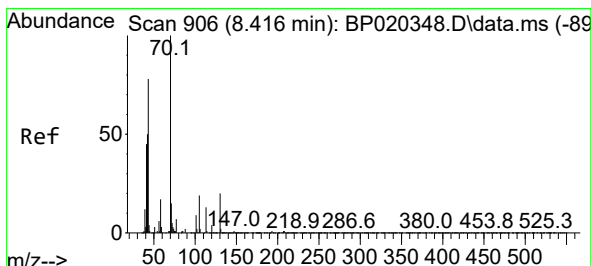
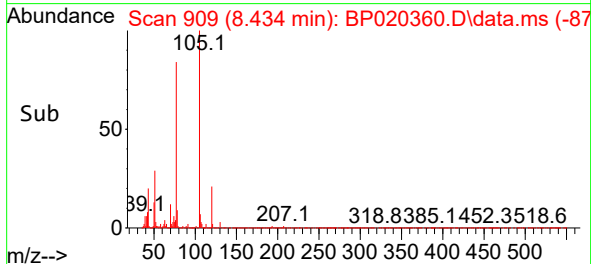
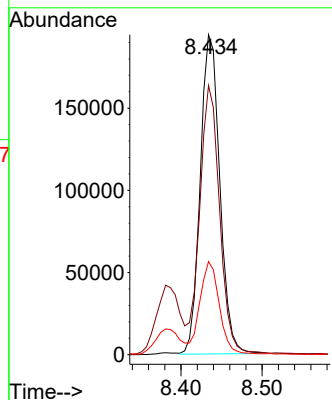


#16
Acetophenone
Concen: 37.752 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Instrument :
BNA_P
ClientSampleId :

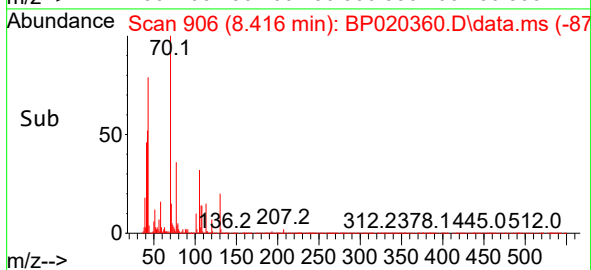
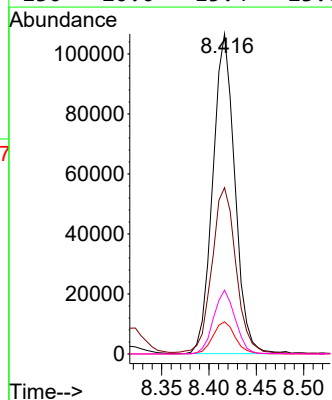
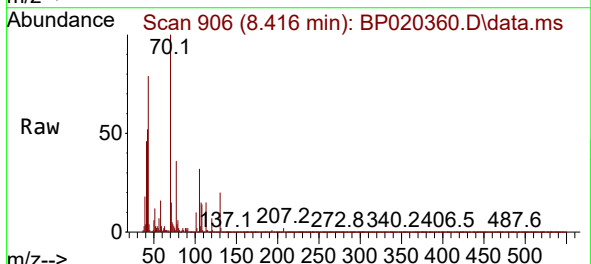


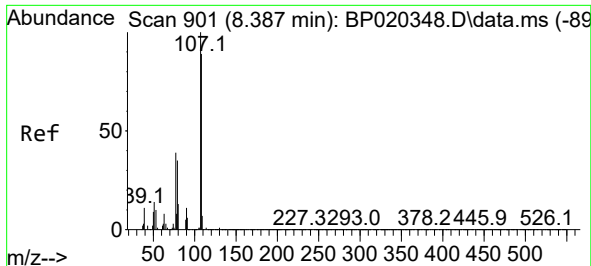
Tgt Ion:105 Resp: 325233
Ion Ratio Lower Upper
105 100
77 84.1 66.4 99.6
51 29.1 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 36.916 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion: 70 Resp: 172586
Ion Ratio Lower Upper
70 100
42 52.0 46.2 69.4
101 10.1 7.8 11.6
130 20.0 15.4 23.0

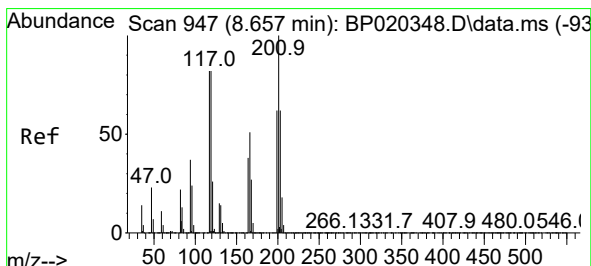
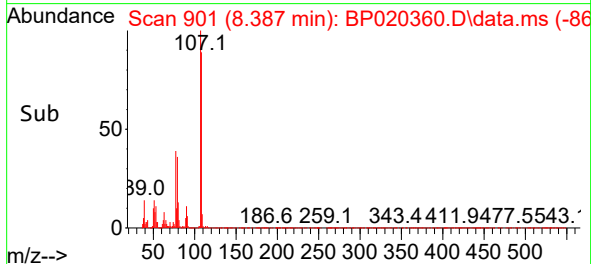
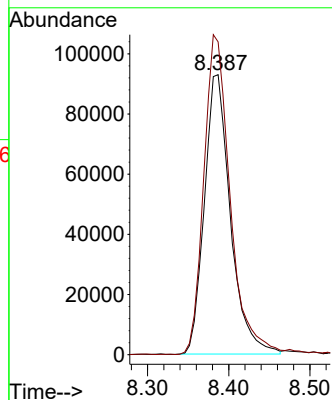
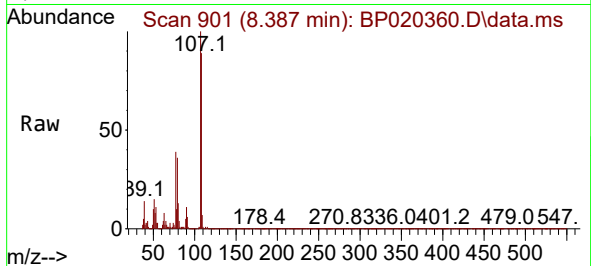




#18
4-Methylphenol
Concen: 38.591 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

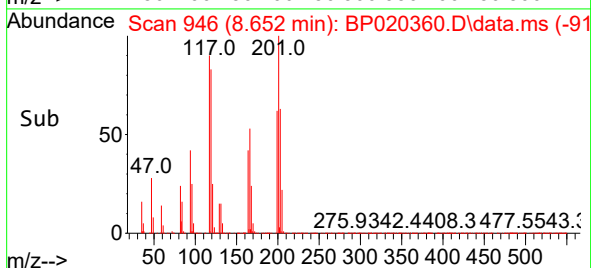
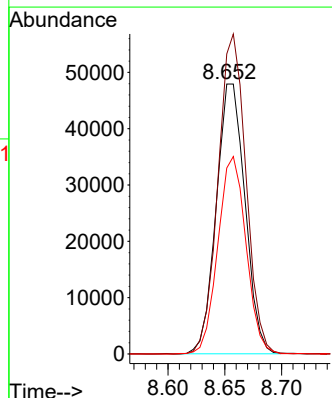
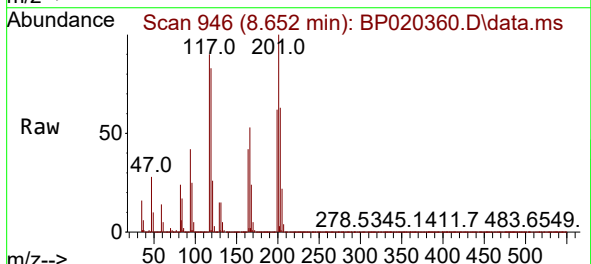
Instrument :
BNA_P
ClientSampleId :

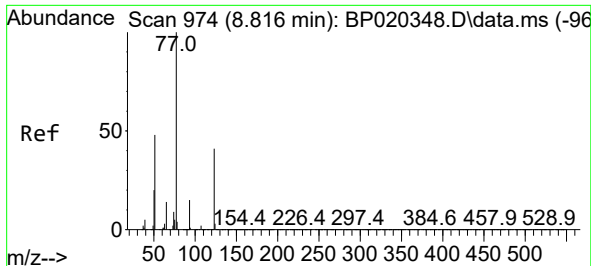
Tgt Ion:108 Resp: 207333
Ion Ratio Lower Upper
108 100
107 111.8 88.2 132.2



#19
Hexachloroethane
Concen: 38.438 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

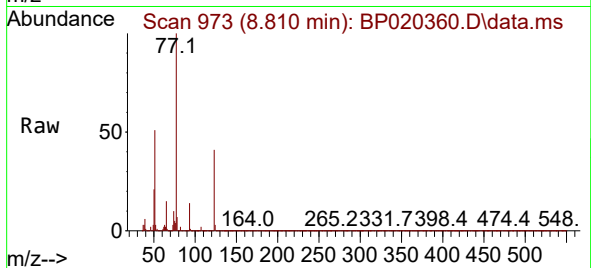
Tgt Ion:117 Resp: 84234
Ion Ratio Lower Upper
117 100
201 111.1 84.0 126.0
199 68.9 53.4 80.2



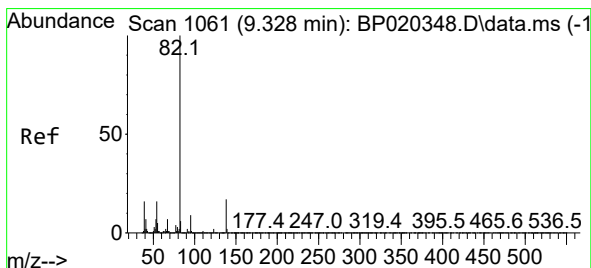
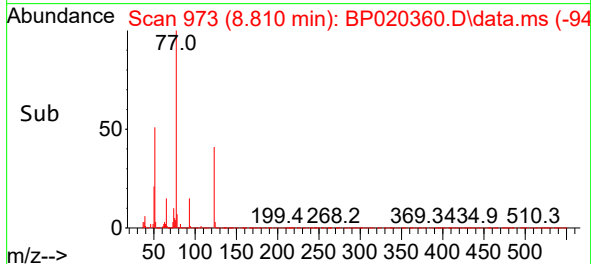
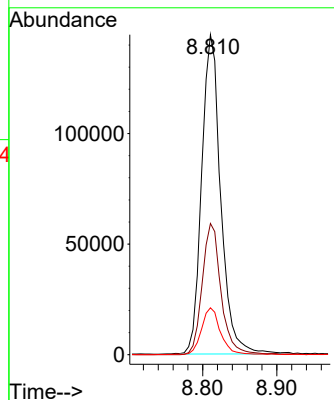


#22
Nitrobenzene
Concen: 40.135 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Instrument :
BNA_P
ClientSampleId :

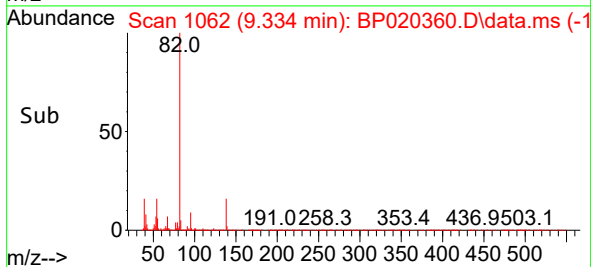
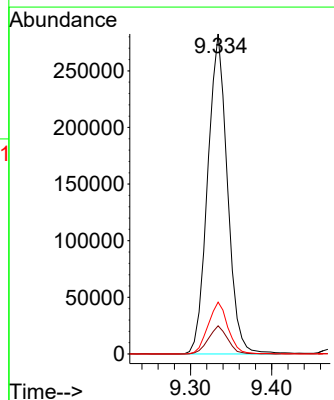
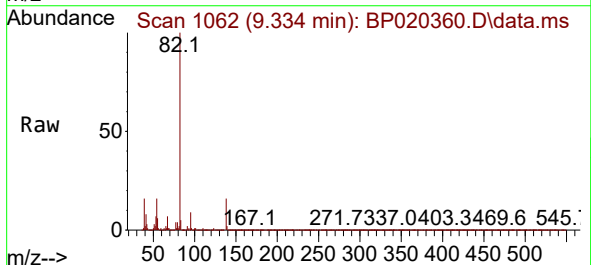


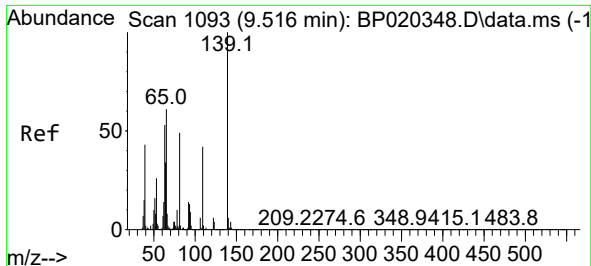
Tgt Ion: 77 Resp: 258074
Ion Ratio Lower Upper
77 100
123 41.0 31.4 47.2
65 14.7 11.4 17.2



#23
Isophorone
Concen: 38.569 ng/ul
RT: 9.334 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion: 82 Resp: 476891
Ion Ratio Lower Upper
82 100
95 8.8 6.6 9.8
138 16.2 12.9 19.3

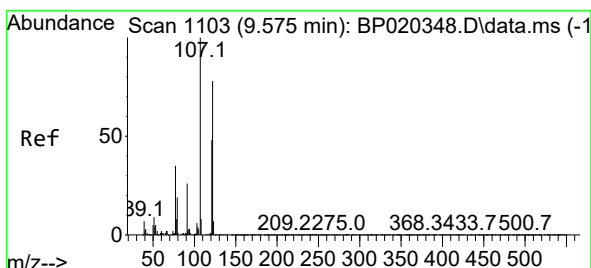
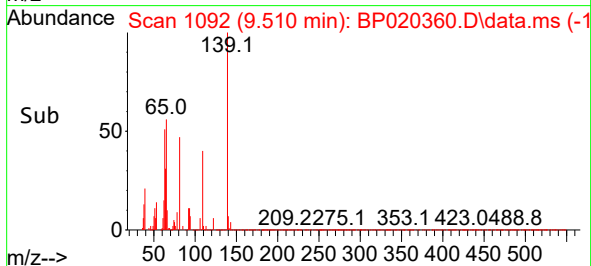
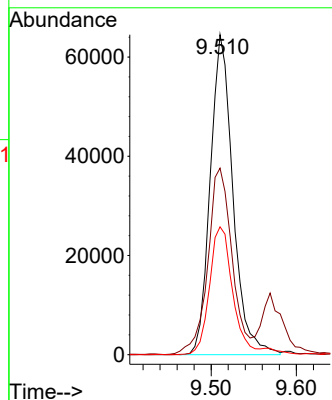
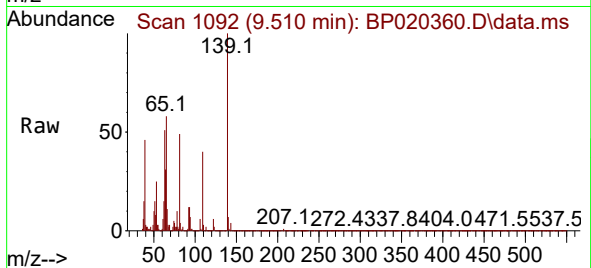




#25
2-Nitrophenol
Concen: 44.917 ng/ul
RT: 9.510 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

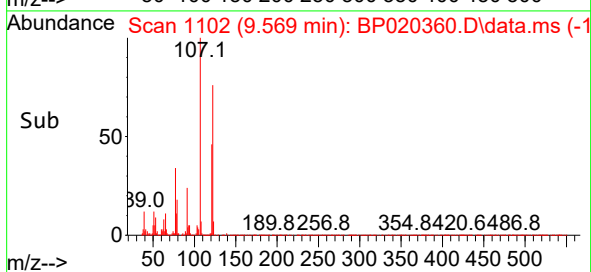
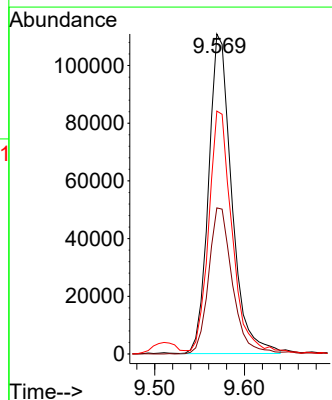
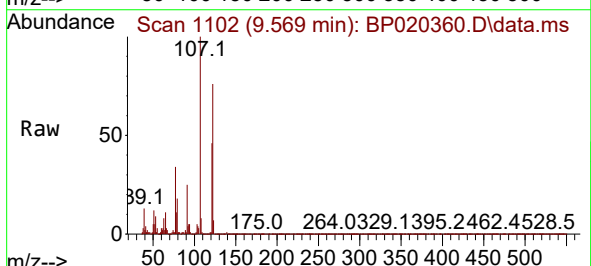
Instrument :
BNA_P
ClientSampleId :

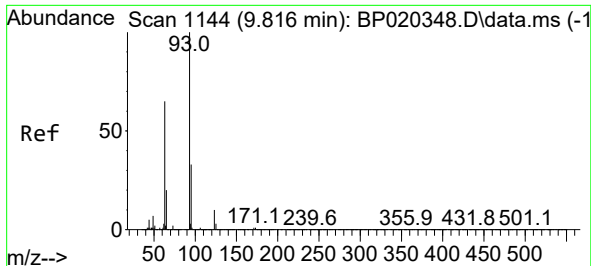
Tgt Ion:139 Resp: 119342
Ion Ratio Lower Upper
139 100
65 58.3 53.8 80.6
109 39.9 35.3 52.9



#26
2,4-Dimethylphenol
Concen: 34.293 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:107 Resp: 198787
Ion Ratio Lower Upper
107 100
121 45.6 36.0 54.0
122 75.9 59.4 89.2





#27

Bis(2-Chloroethoxy)methane

Concen: 38.565 ng/ul

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

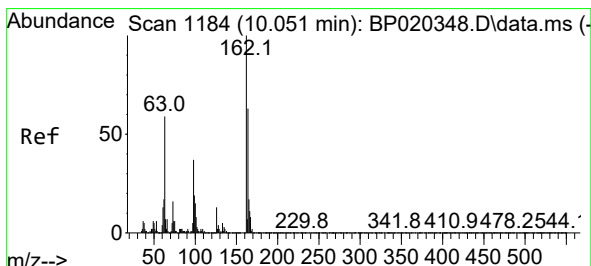
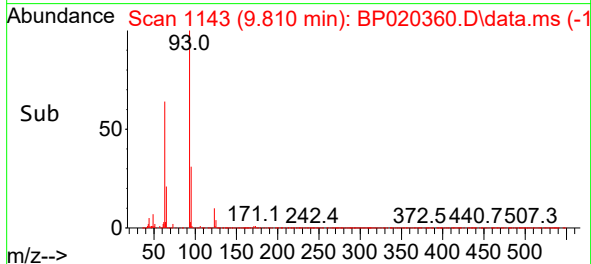
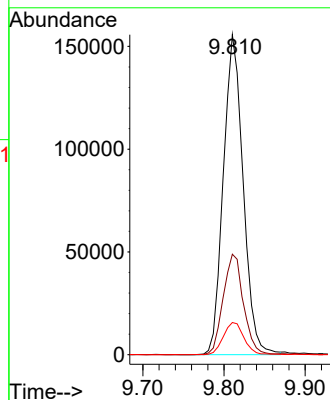
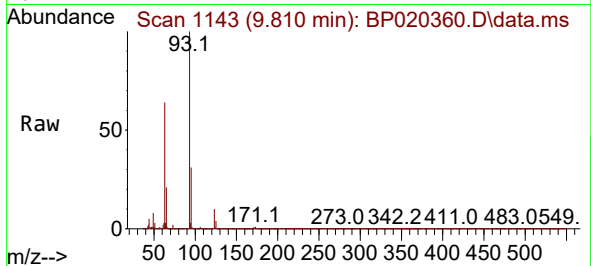
Tgt Ion: 93 Resp: 264350

Ion Ratio Lower Upper

93 100

95 31.4 25.6 38.4

123 10.1 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 45.844 ng/ul

RT: 10.052 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

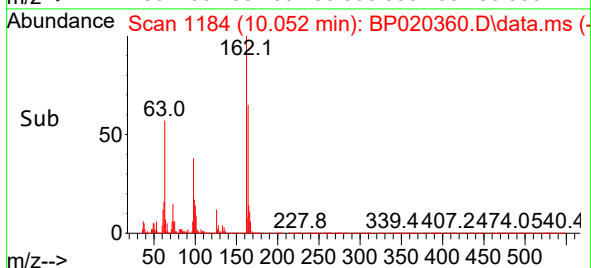
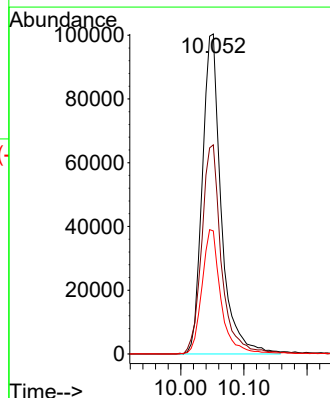
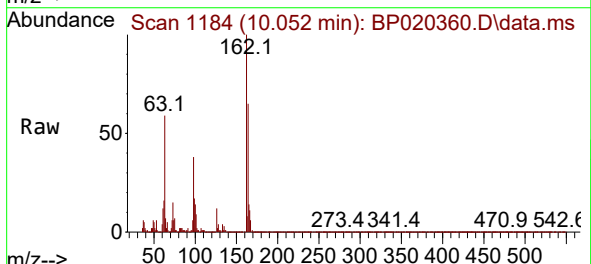
Tgt Ion:162 Resp: 208732

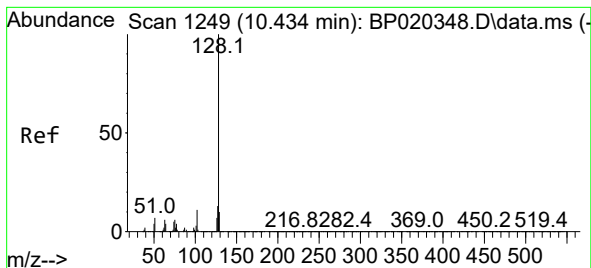
Ion Ratio Lower Upper

162 100

164 65.4 53.1 79.7

98 38.5 31.4 47.2





#30

Naphthalene

Concen: 40.735 ng/ul

RT: 10.428 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

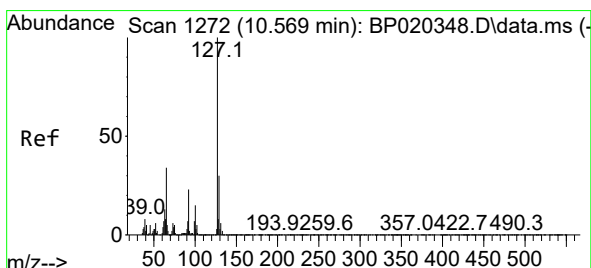
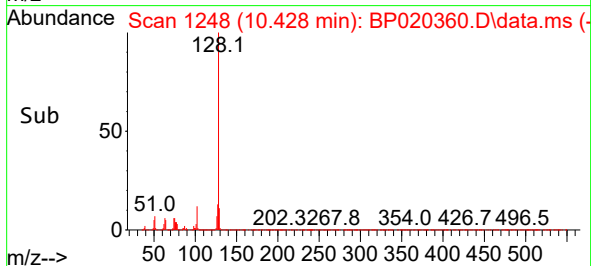
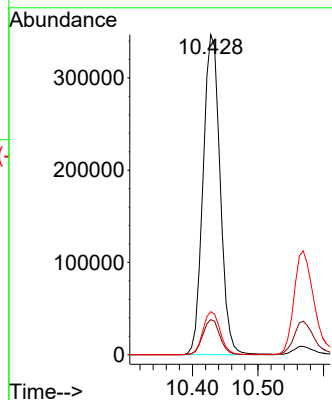
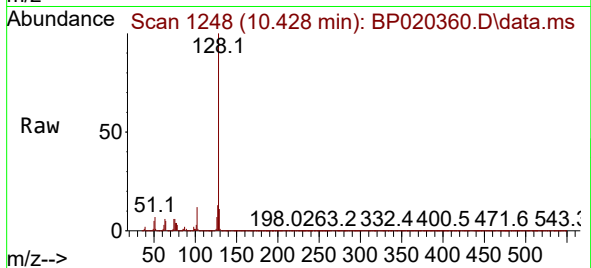
Tgt Ion:128 Resp: 628052

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.4 10.6 16.0



#32

4-Chloroaniline

Concen: 38.216 ng/ul

RT: 10.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BP020360.D

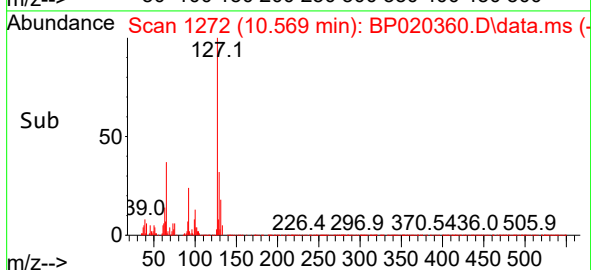
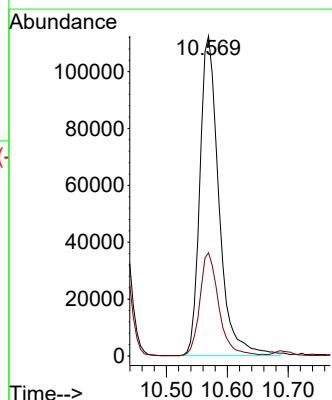
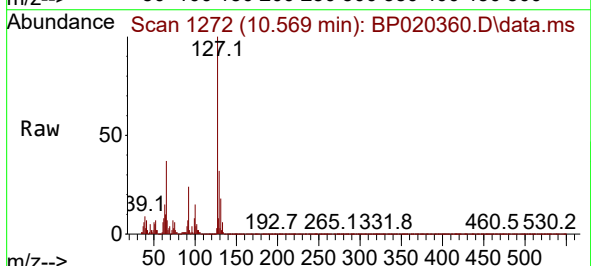
Acq: 13 May 2024 19:19

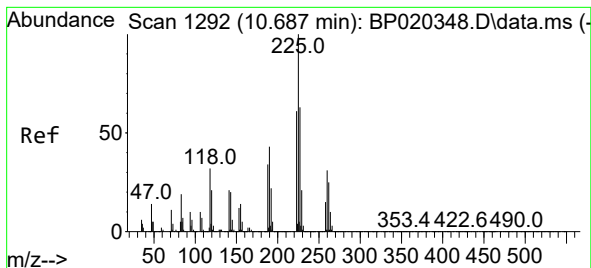
Tgt Ion:127 Resp: 244821

Ion Ratio Lower Upper

127 100

129 32.2 24.8 37.2





#33

Hexachlorobutadiene

Concen: 42.248 ng/ul

RT: 10.693 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

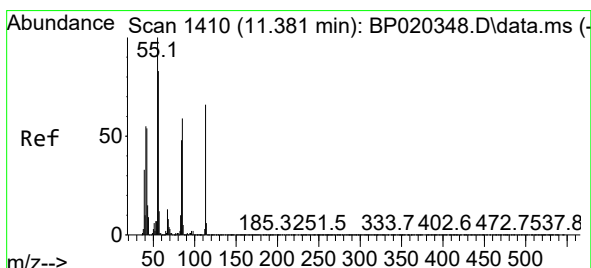
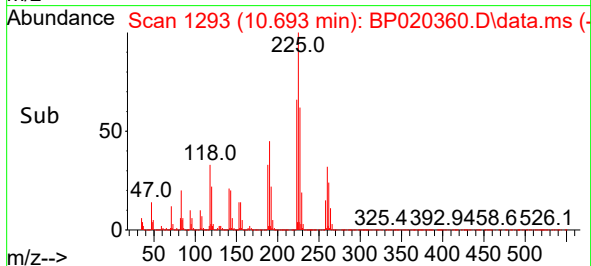
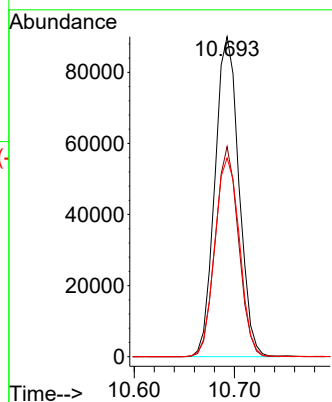
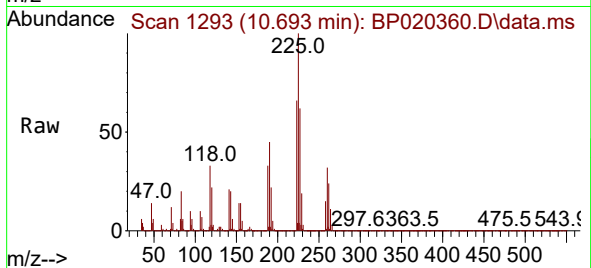
Tgt Ion:225 Resp: 149407

Ion Ratio Lower Upper

225 100

223 65.6 53.2 79.8

227 62.1 51.4 77.0



#34

Caprolactam

Concen: 39.735 ng/ul

RT: 11.381 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

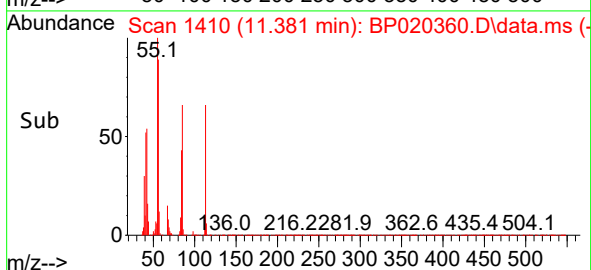
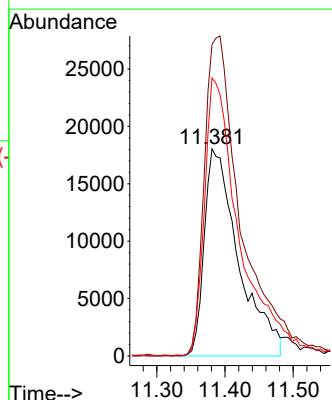
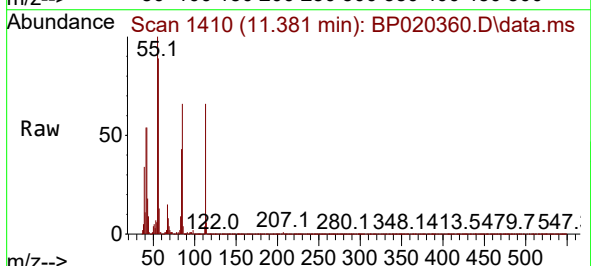
Tgt Ion:113 Resp: 63169

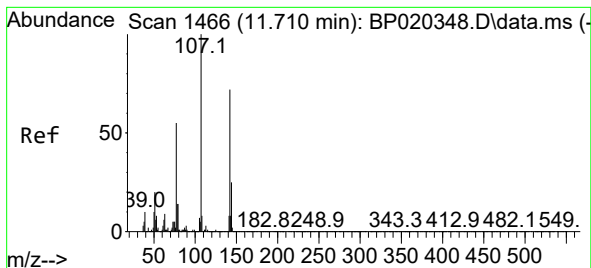
Ion Ratio Lower Upper

113 100

55 150.5 131.0 196.6

56 134.2 105.4 158.2

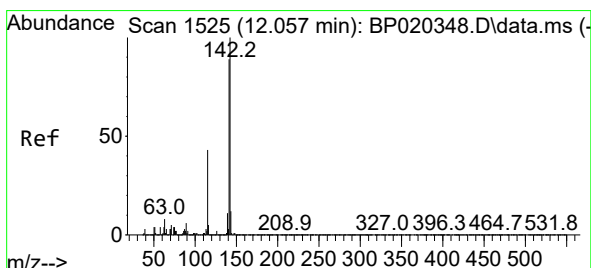
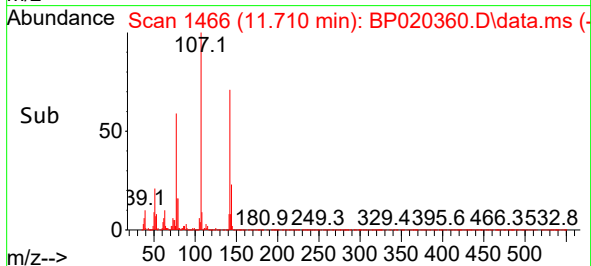
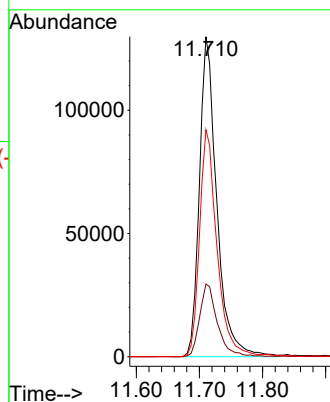
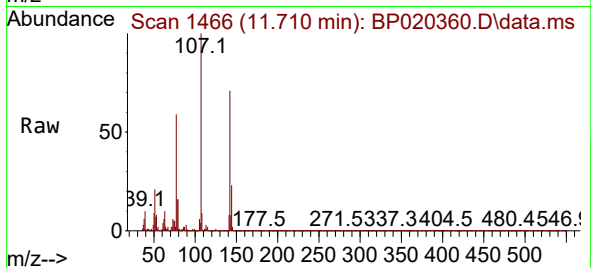




#35
4-Chloro-3-methylphenol
Concen: 43.655 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

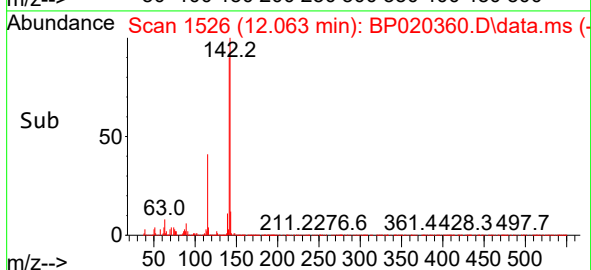
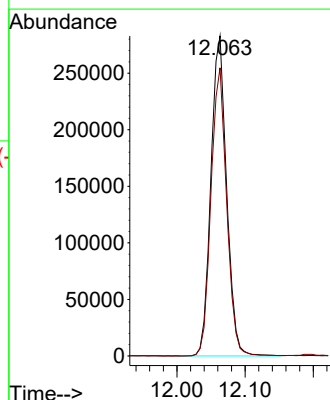
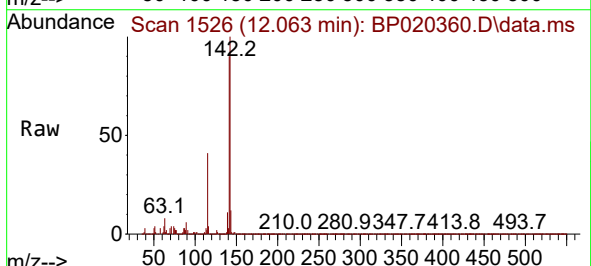
Instrument :
BNA_P
ClientSampleId :

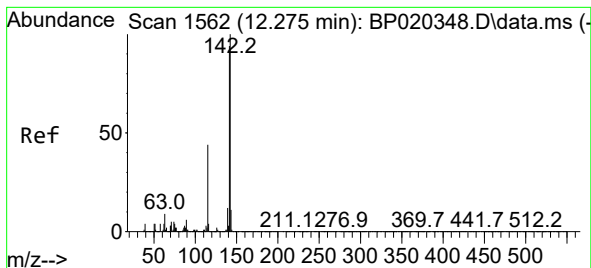
Tgt Ion:107 Resp: 247477
Ion Ratio Lower Upper
107 100
144 22.7 18.3 27.5
142 70.9 56.6 84.8



#36
2-Methylnaphthalene
Concen: 42.318 ng/ul
RT: 12.063 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:142 Resp: 453972
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#37

1-Methylnaphthalene

Concen: 42.203 ng/ul

RT: 12.287 min Scan# 1564

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

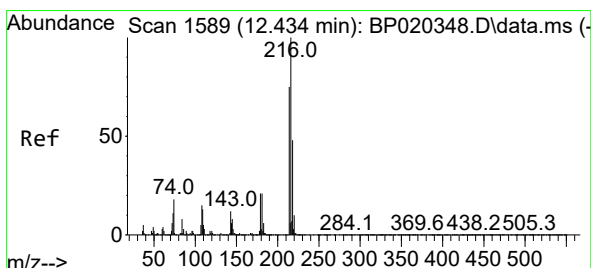
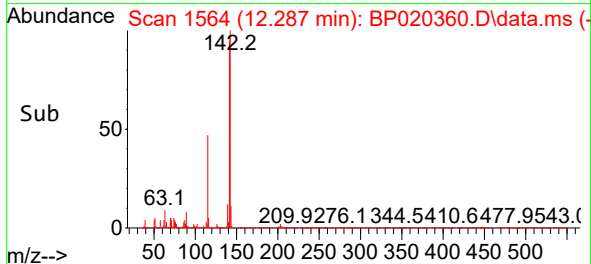
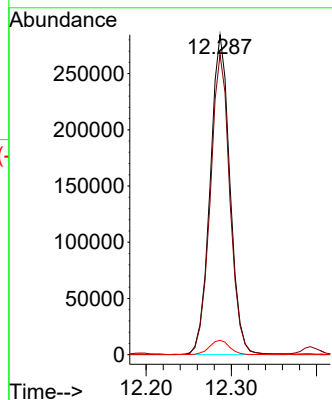
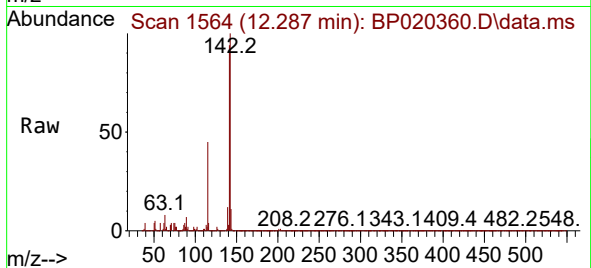
Tgt Ion:142 Resp: 455591

Ion Ratio Lower Upper

142 100

141 93.8 75.5 113.3

116 4.5 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.219 ng/ul

RT: 12.434 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Tgt Ion:216 Resp: 291730

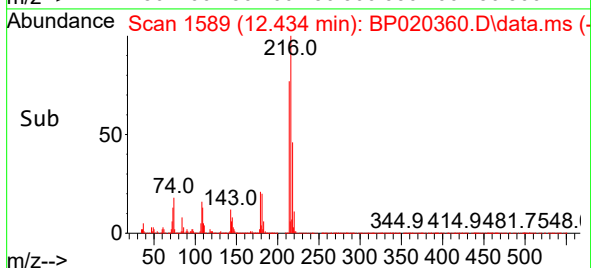
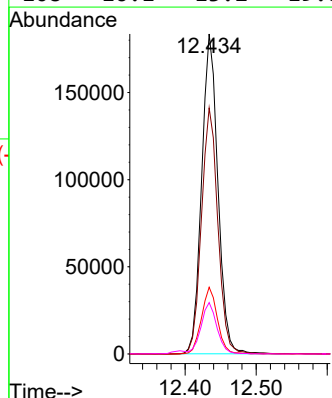
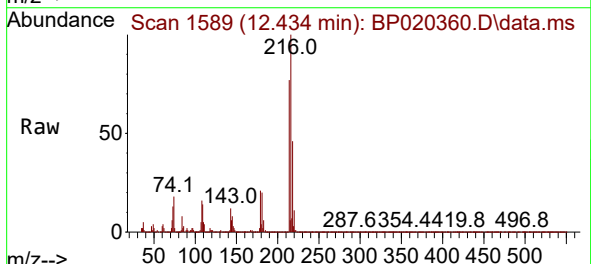
Ion Ratio Lower Upper

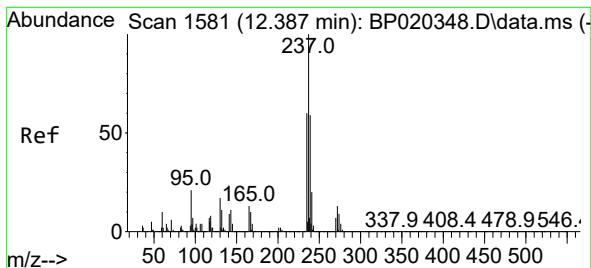
216 100

214 76.9 61.3 91.9

179 20.9 16.9 25.3

108 16.1 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 23.635 ng/ul

RT: 12.393 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020360.D

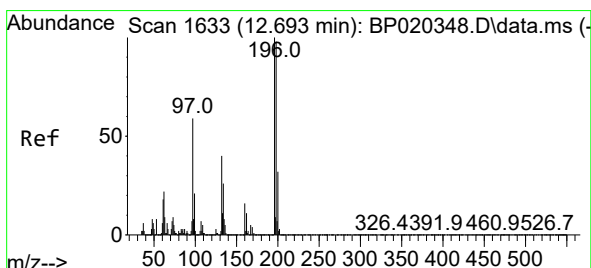
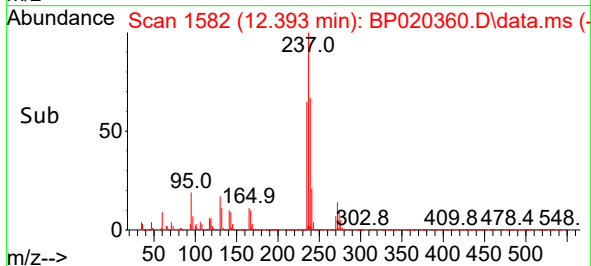
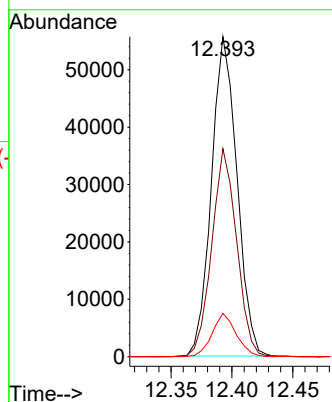
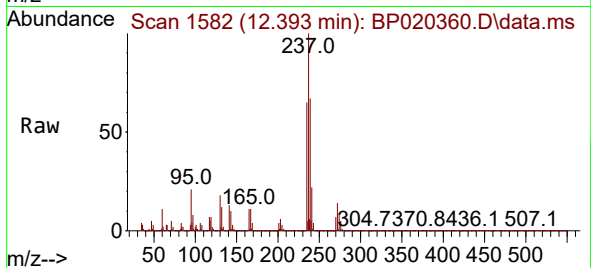
Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	81132
Ion Ratio	Lower	Upper
237	100	
235	65.0	52.4 78.6
272	13.6	10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 46.784 ng/ul

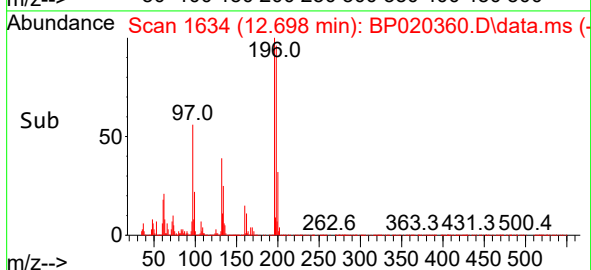
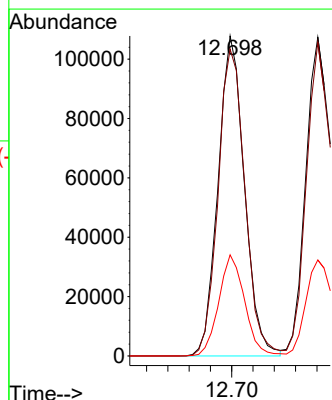
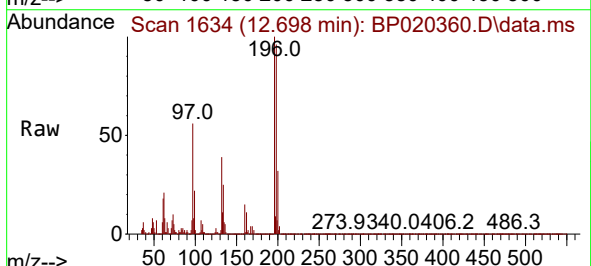
RT: 12.698 min Scan# 1634

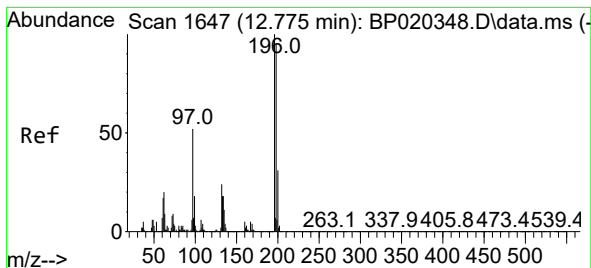
Delta R.T. 0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Tgt Ion:196	Resp:	185181
Ion Ratio	Lower	Upper
196	100	
198	95.9	75.8 113.8
200	31.6	24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 47.982 ng/ul

RT: 12.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

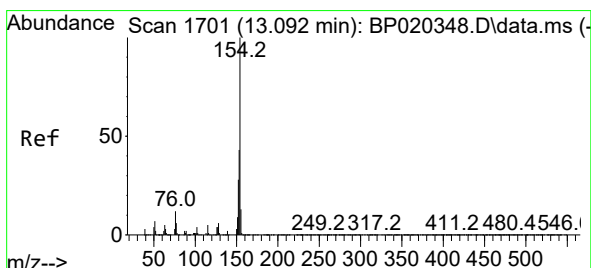
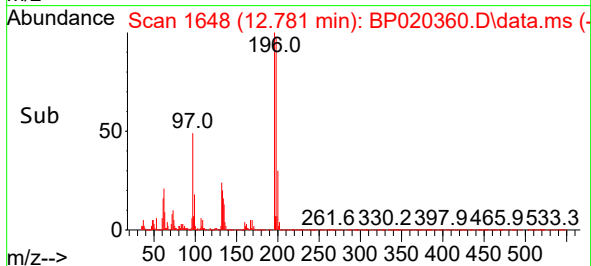
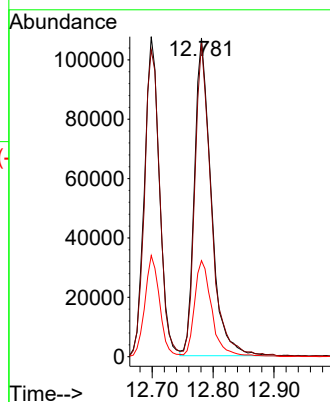
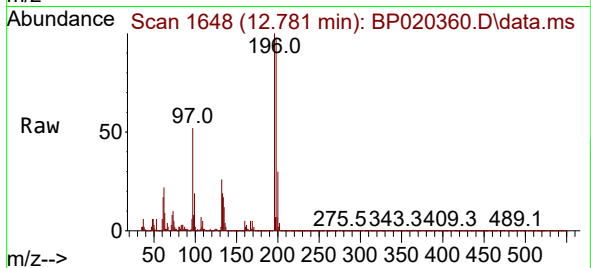
Tgt Ion:196 Resp: 204371

Ion Ratio Lower Upper

196 100

198 98.4 73.5 110.3

200 30.1 24.4 36.6



#43

1,1'-Biphenyl

Concen: 43.058 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

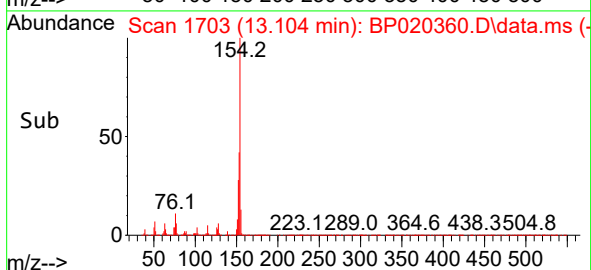
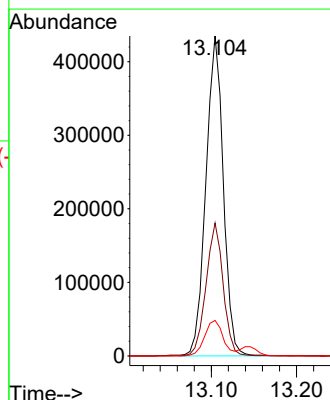
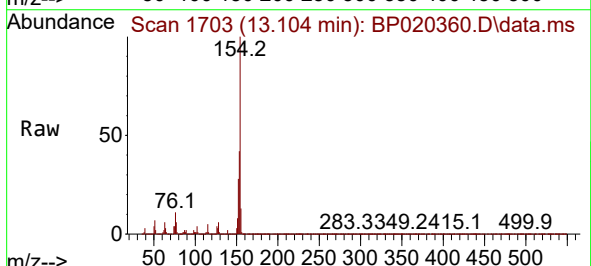
Tgt Ion:154 Resp: 616347

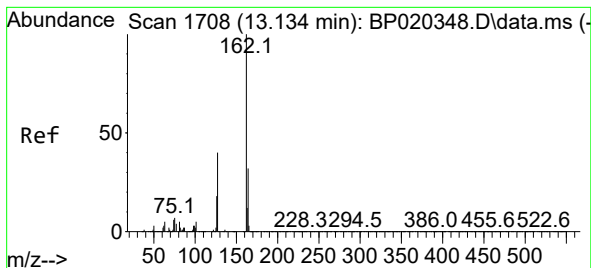
Ion Ratio Lower Upper

154 100

153 41.6 33.1 49.7

76 11.1 9.7 14.5





#44

2-Chloronaphthalene

Concen: 42.796 ng/ul

RT: 13.145 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

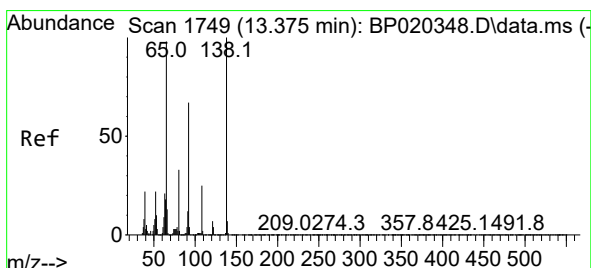
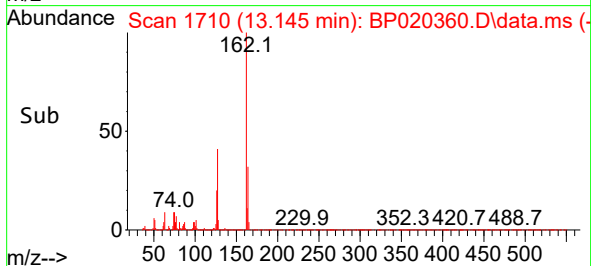
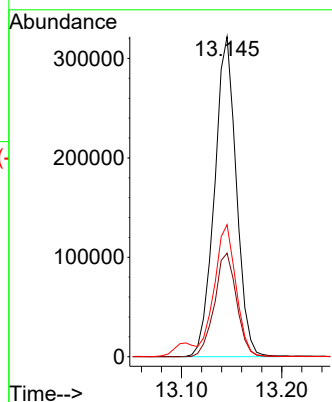
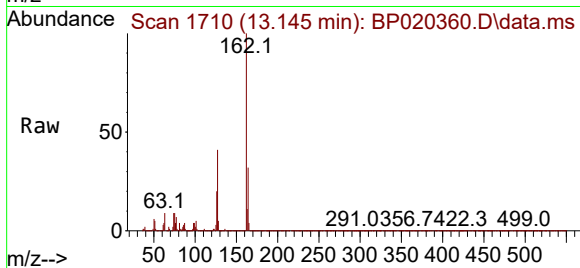
Tgt Ion:162 Resp: 486112

Ion Ratio Lower Upper

162 100

164 32.4 26.1 39.1

127 41.3 33.6 50.4



#45

2-Nitroaniline

Concen: 43.944 ng/ul

RT: 13.381 min Scan# 1750

Delta R.T. 0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

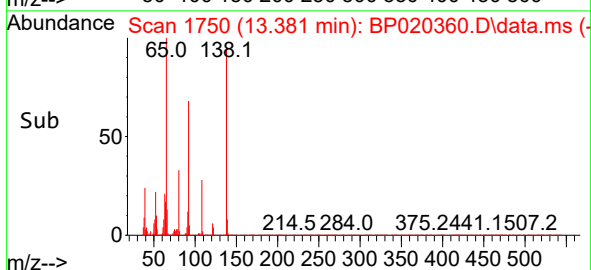
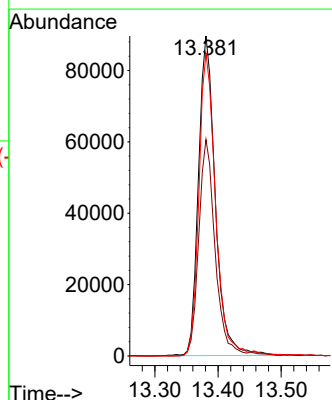
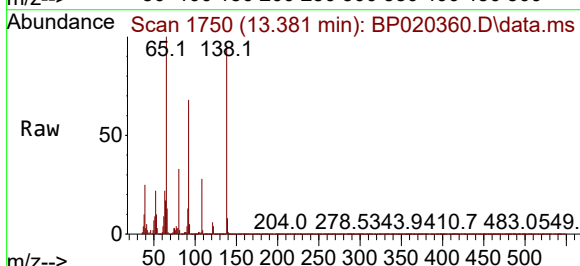
Tgt Ion: 65 Resp: 165566

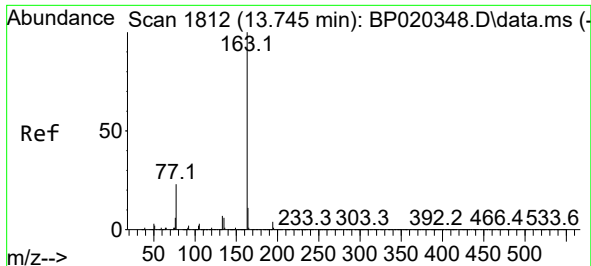
Ion Ratio Lower Upper

65 100

92 67.6 55.6 83.4

138 94.6 73.1 109.7

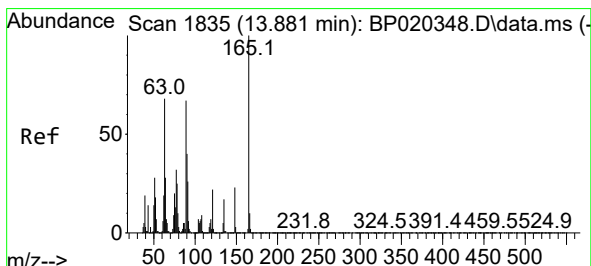
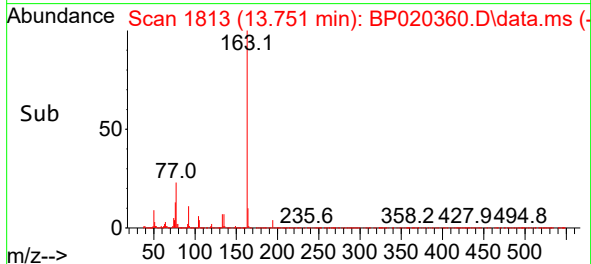
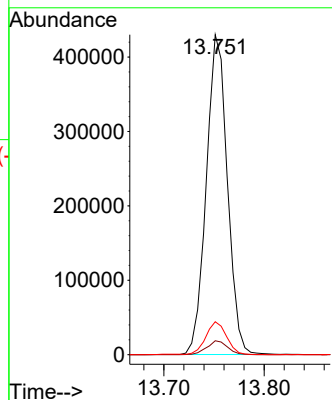
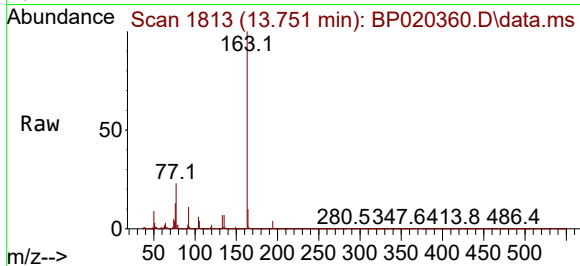




#47
Dimethylphthalate
Concen: 42.191 ng/ul
RT: 13.751 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

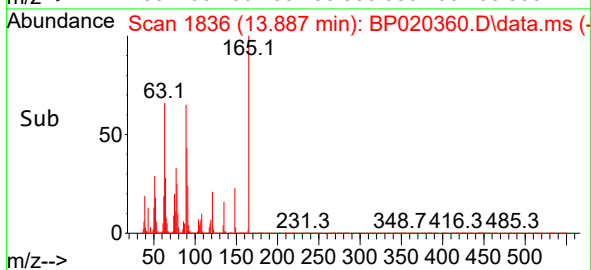
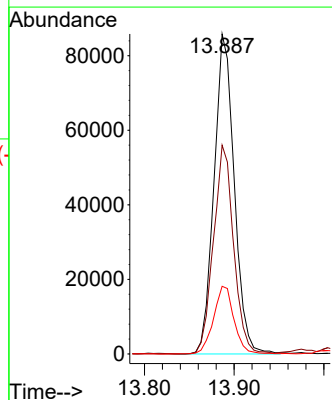
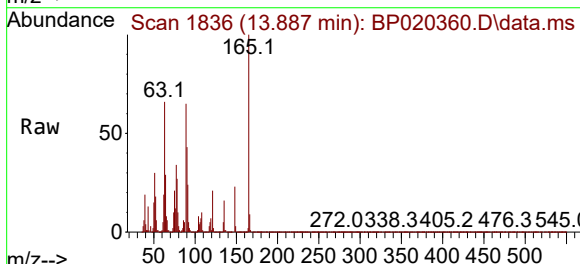
Instrument :
BNA_P
ClientSampleId :

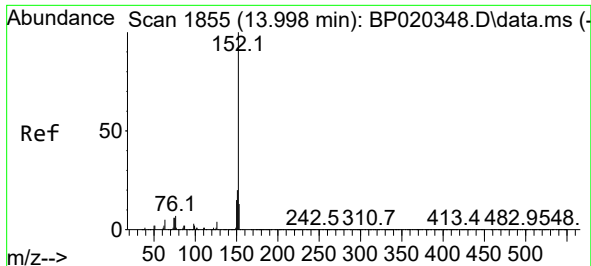
Tgt Ion:163 Resp: 629852
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 45.256 ng/ul
RT: 13.887 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:165 Resp: 134307
Ion Ratio Lower Upper
165 100
89 65.3 51.0 76.6
121 21.1 18.5 27.7

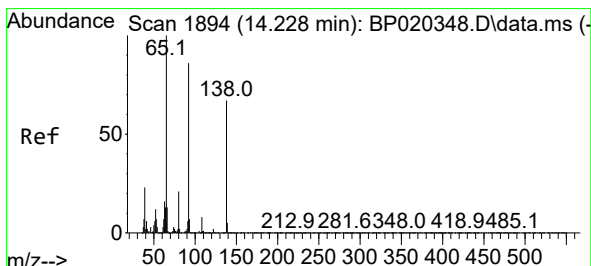
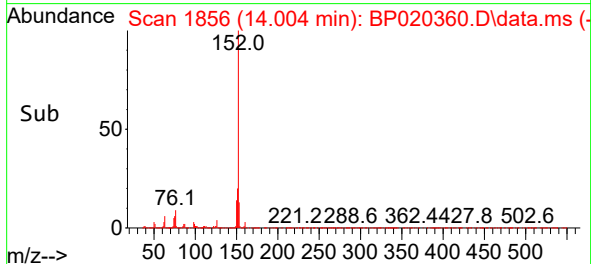
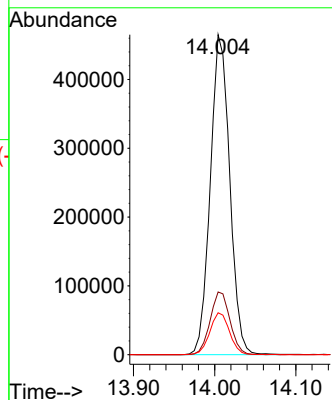
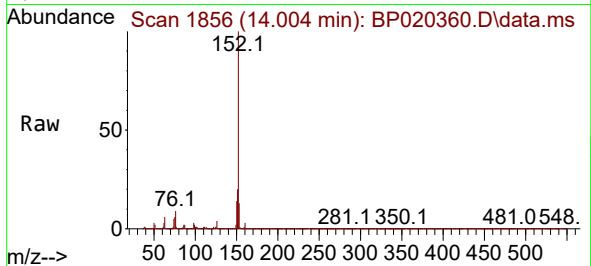




#50
Acenaphthylene
Concen: 42.073 ng/ul
RT: 14.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

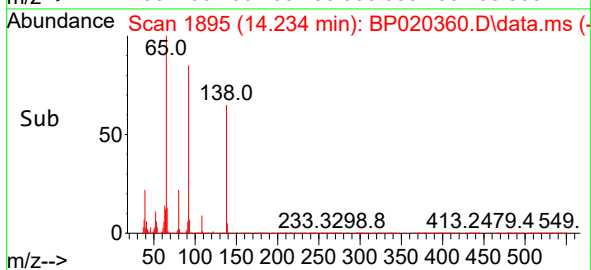
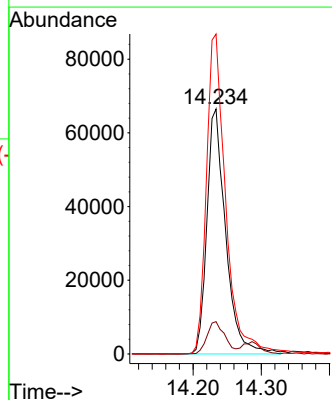
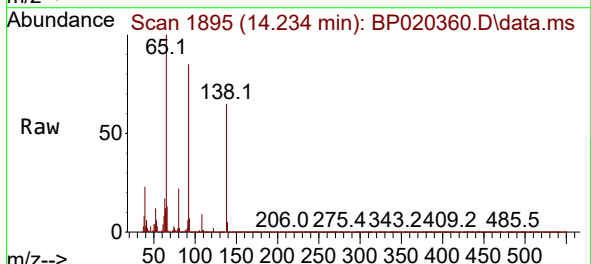
Instrument :
BNA_P
ClientSampleId :

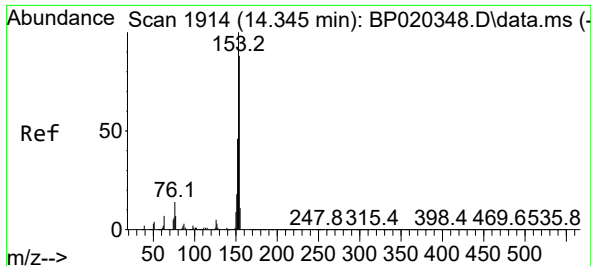
Tgt Ion:152 Resp: 772593
Ion Ratio Lower Upper
152 100
151 19.6 16.5 24.7
153 13.1 10.3 15.5



#51
3-Nitroaniline
Concen: 46.060 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

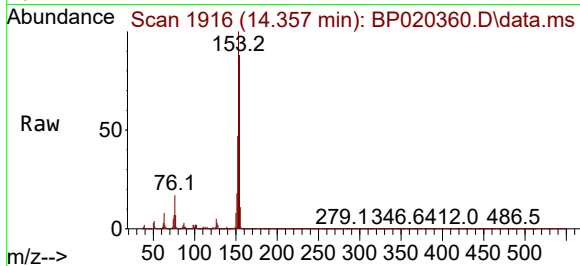
Tgt Ion:138 Resp: 127494
Ion Ratio Lower Upper
138 100
108 13.2 10.8 16.2
92 130.7 103.3 154.9



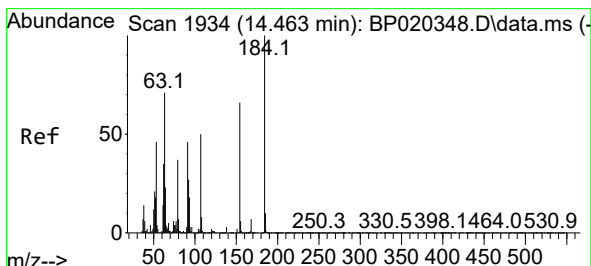
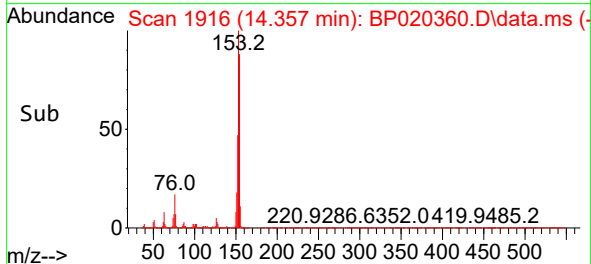
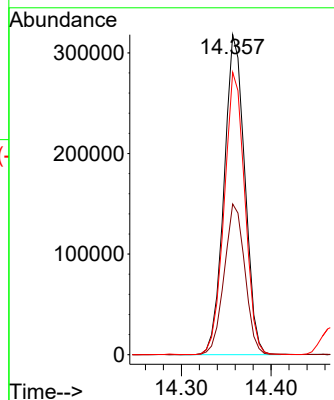


#52
Acenaphthene
Concen: 41.344 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Instrument :
BNA_P
ClientSampleId :

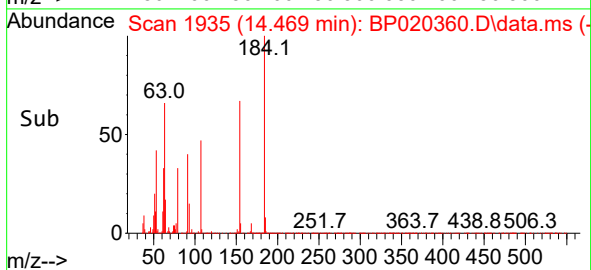
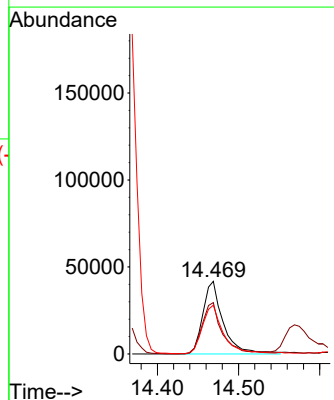
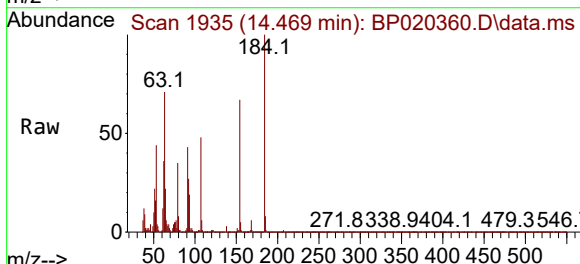


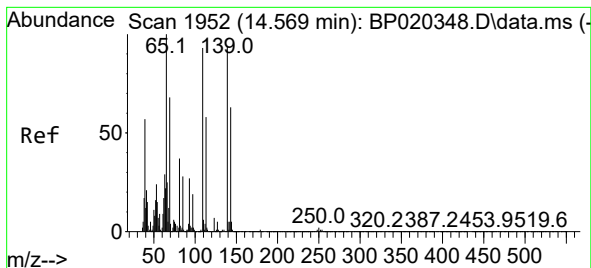
Tgt Ion:153 Resp: 510198
Ion Ratio Lower Upper
153 100
152 47.1 37.4 56.2
154 88.2 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 39.624 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:184 Resp: 72179
Ion Ratio Lower Upper
184 100
63 70.8 65.6 98.4
154 67.2 53.8 80.8

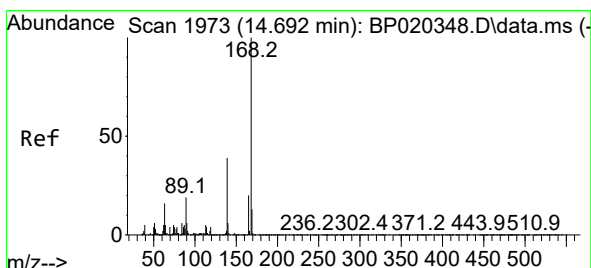
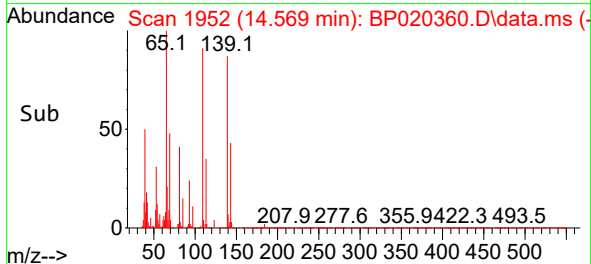
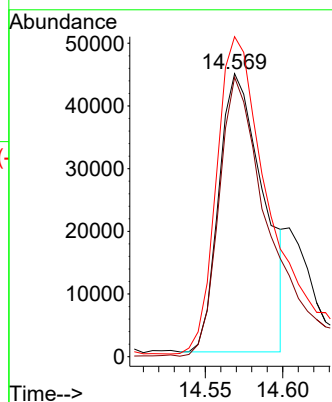
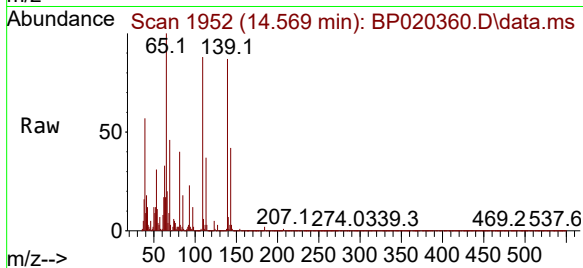




#55
4-Nitrophenol
Concen: 37.518 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

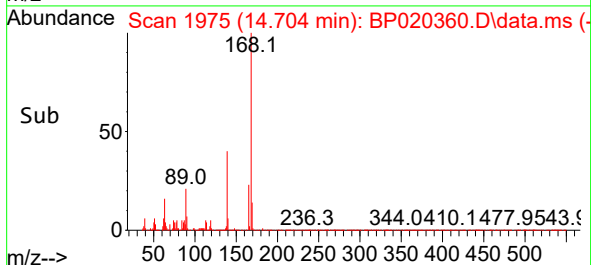
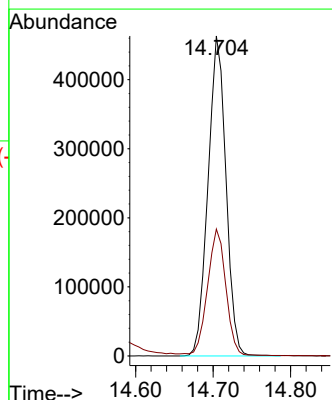
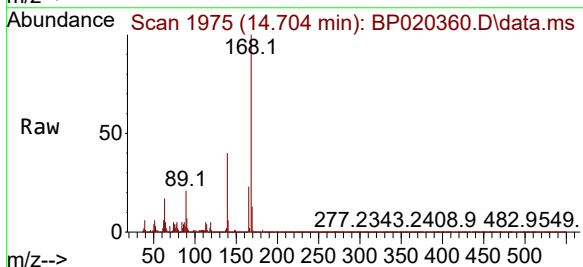
Instrument :
BNA_P
ClientSampleId :

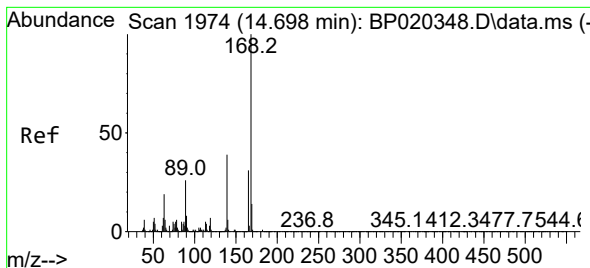
Tgt Ion:109 Resp: 88727
Ion Ratio Lower Upper
109 100
139 98.7 78.4 117.6
65 113.1 101.8 152.6



#56
Dibenzofuran
Concen: 43.904 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.012 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:168 Resp: 745150
Ion Ratio Lower Upper
168 100
139 39.6 32.7 49.1





#57

2,4-Dinitrotoluene

Concen: 47.274 ng/ul

RT: 14.710 min Scan# 1974

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

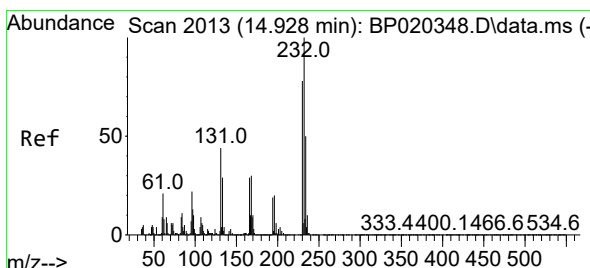
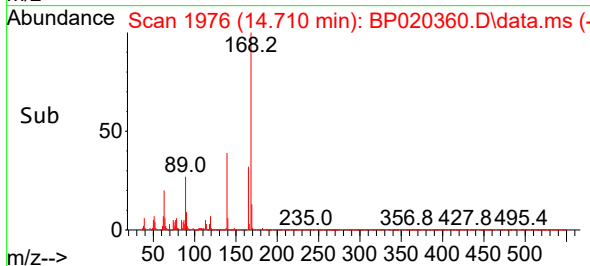
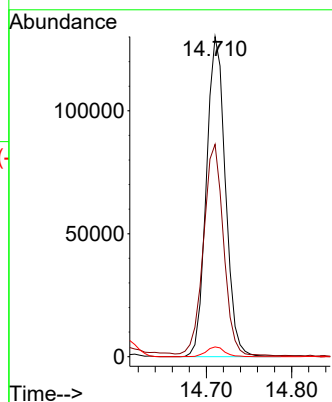
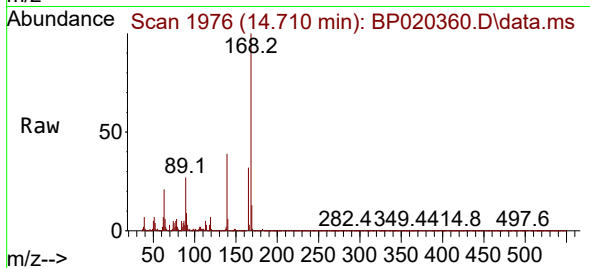
Tgt Ion:165 Resp: 201707

Ion Ratio Lower Upper

165 100

63 66.4 59.7 89.5

182 3.0 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.331 ng/ul

RT: 14.939 min Scan# 2015

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Tgt Ion:232 Resp: 184855

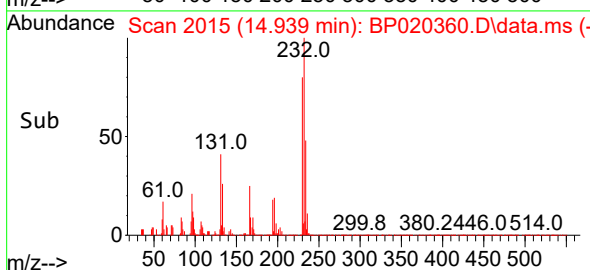
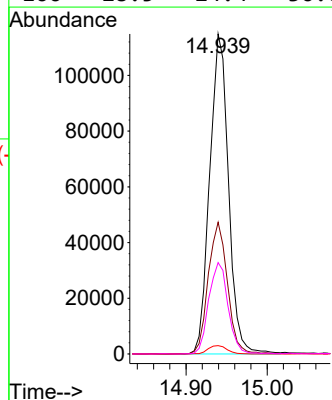
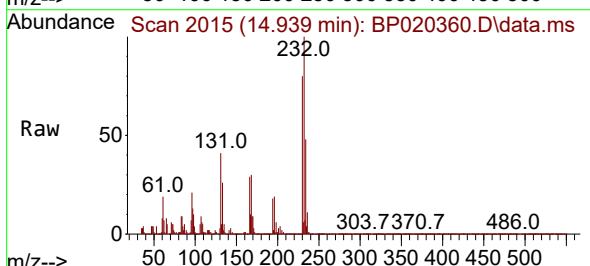
Ion Ratio Lower Upper

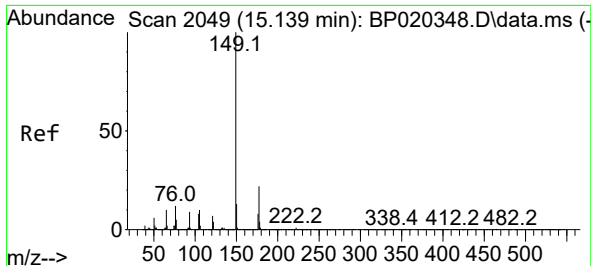
232 100

131 41.1 36.7 55.1

130 2.6 1.9 2.9

166 28.5 24.4 36.6

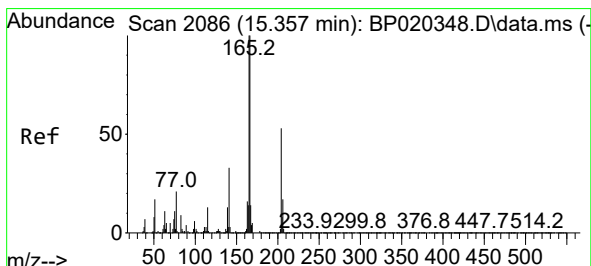
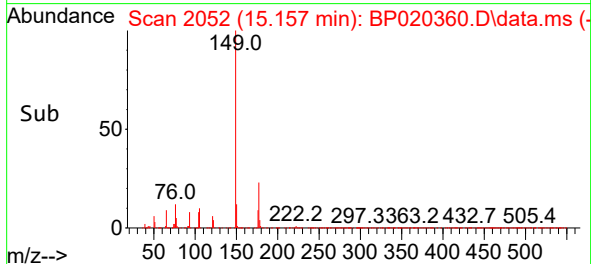
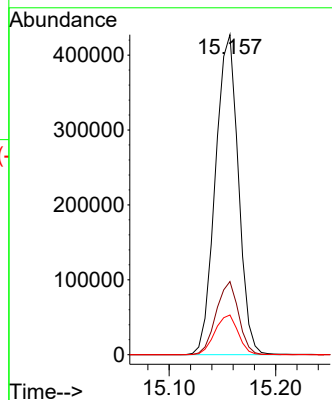
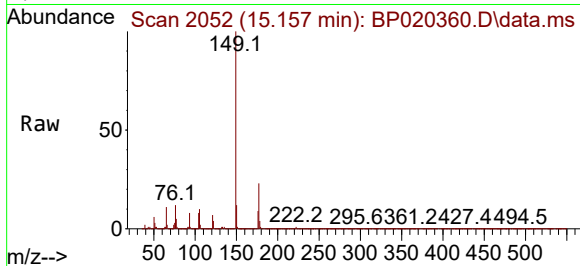




#59
Diethylphthalate
Concen: 42.839 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.018 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

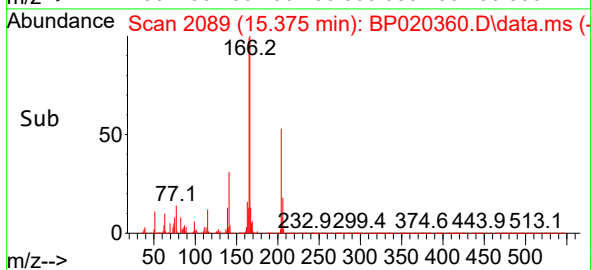
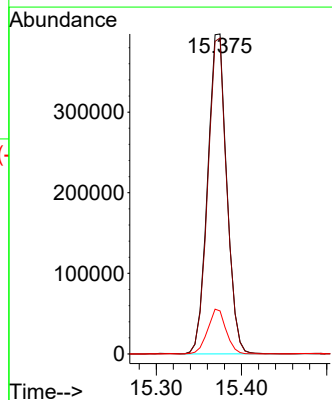
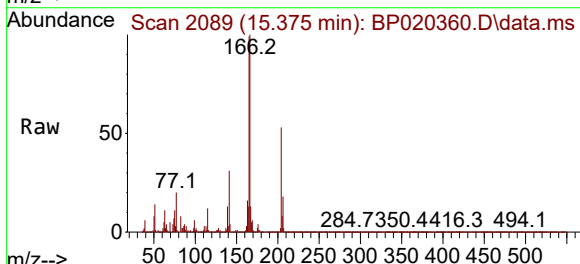
Instrument :
BNA_P
ClientSampleId :

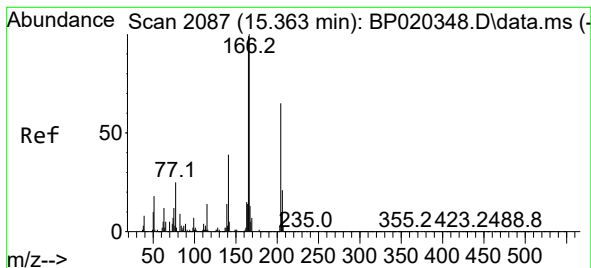
Tgt Ion:149 Resp: 638385
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.4 10.2 15.2



#61
Fluorene
Concen: 43.925 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. 0.018 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:166 Resp: 619432
Ion Ratio Lower Upper
166 100
165 98.7 76.2 114.2
167 13.5 10.3 15.5

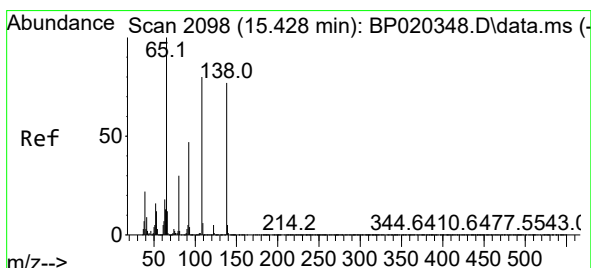
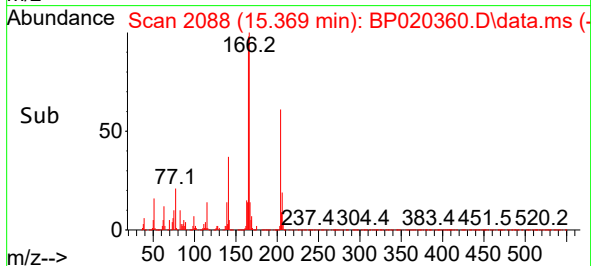
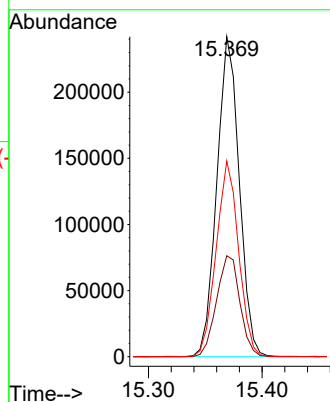
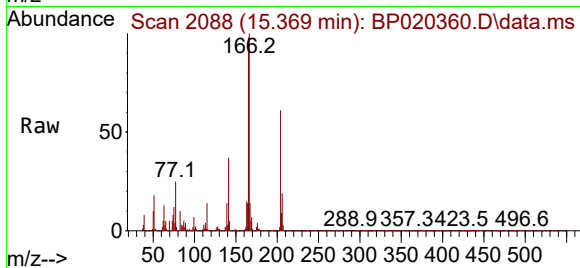




#62
4-Chlorophenyl-phenylether
Concen: 44.390 ng/ul
RT: 15.369 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

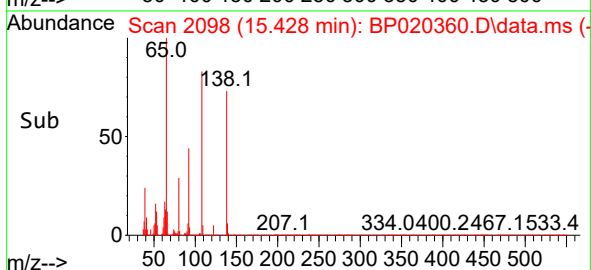
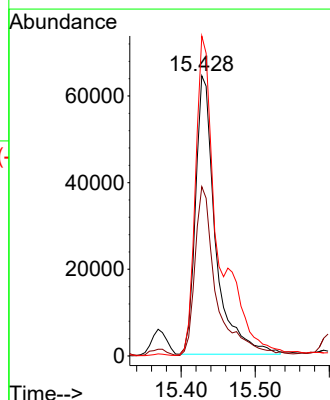
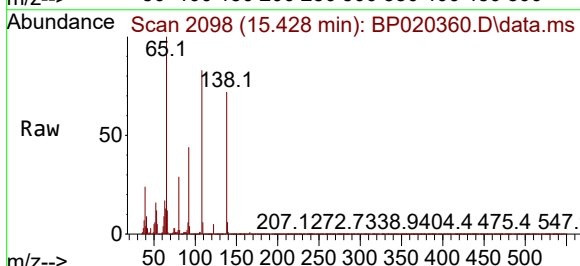
Instrument :
BNA_P
ClientSampleId :

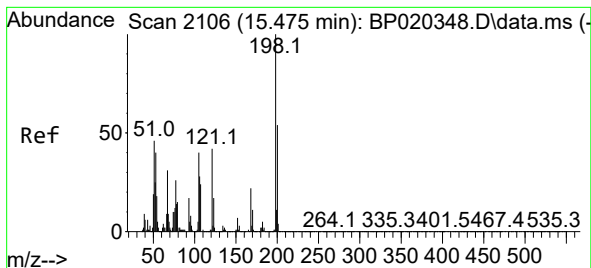
Tgt Ion:204 Resp: 332103
Ion Ratio Lower Upper
204 100
206 31.5 25.4 38.2
141 61.2 53.0 79.6



#63
4-Nitroaniline
Concen: 52.107 ng/ul
RT: 15.428 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:138 Resp: 120197
Ion Ratio Lower Upper
138 100
92 60.4 47.6 71.4
108 114.2 90.5 135.7

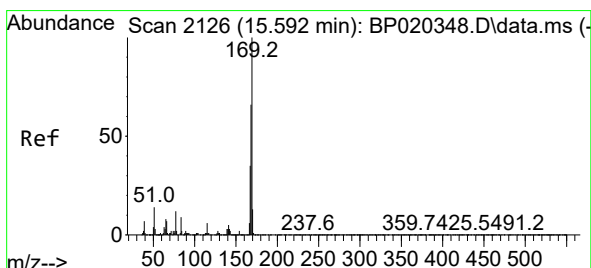
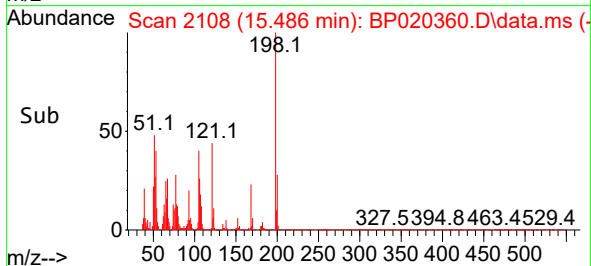
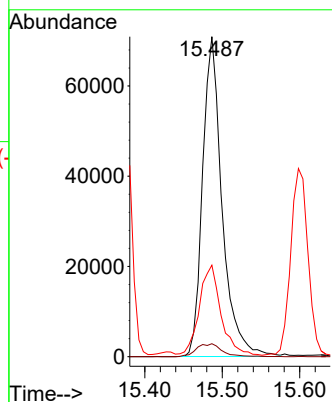
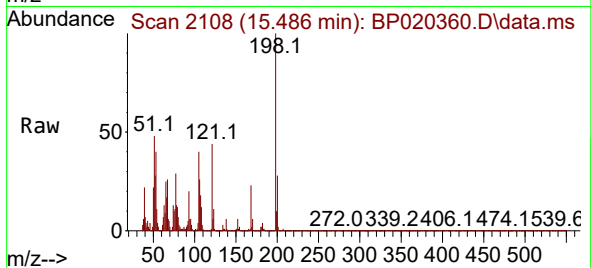




#66
4,6-Dinitro-2-methylphenol
Concen: 41.685 ng/ul
RT: 15.486 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

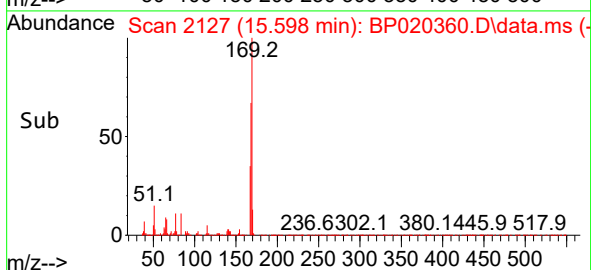
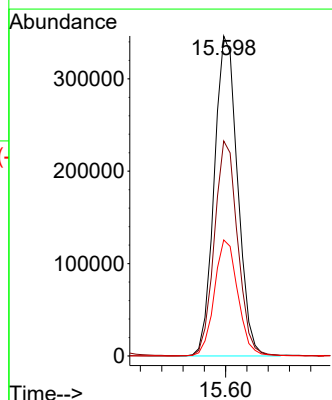
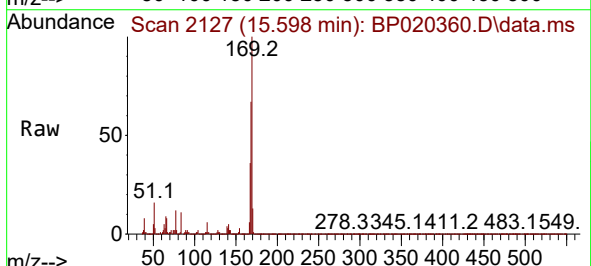
Instrument :
BNA_P
ClientSampleId :

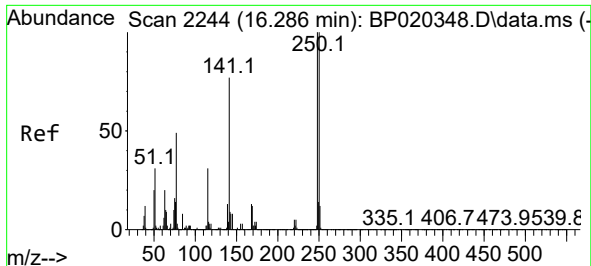
Tgt Ion:198 Resp: 124109
Ion Ratio Lower Upper
198 100
182 4.1 3.3 4.9
77 28.6 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 41.997 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:169 Resp: 526148
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 36.2 29.0 43.6

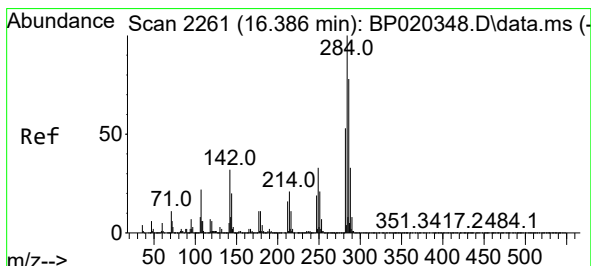
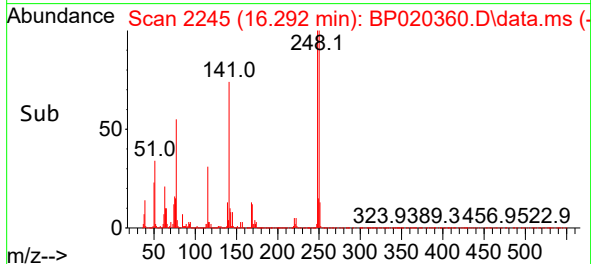
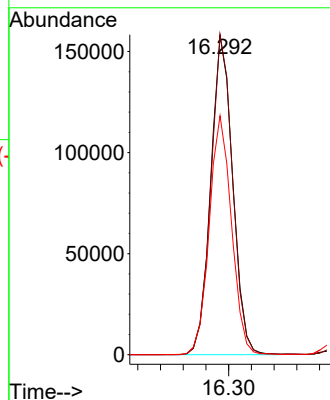
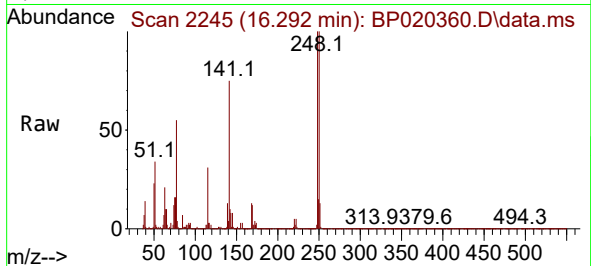




#68
4-Bromophenyl-phenylether
Concen: 43.522 ng/ul
RT: 16.292 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

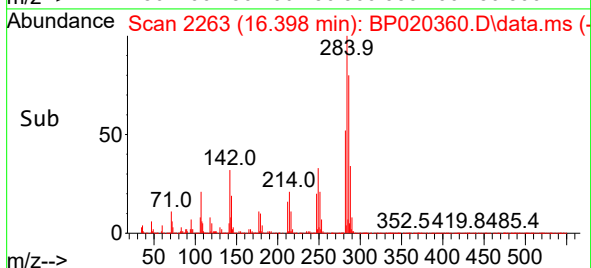
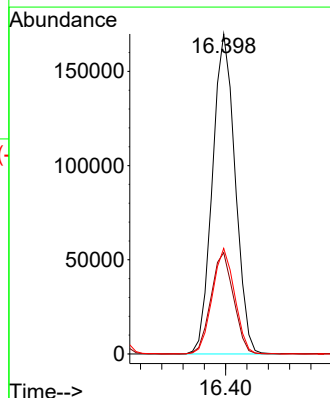
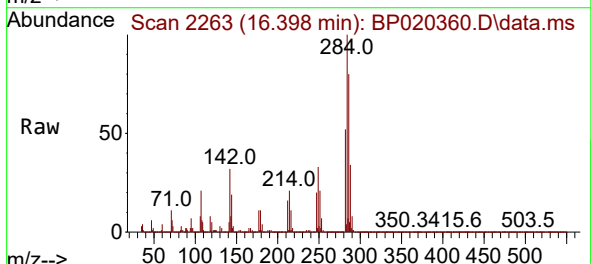
Instrument :
BNA_P
ClientSampleId :

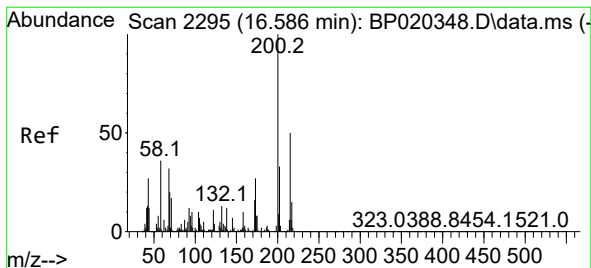
Tgt Ion:	248	Resp:	212115
Ion Ratio	Lower	Upper	
248	100		
250	100.4	76.2	114.4
141	74.9	57.2	85.8



#69
Hexachlorobenzene
Concen: 44.561 ng/ul
RT: 16.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BP020360.D
Acq: 13 May 2024 19:19

Tgt Ion:	284	Resp:	251540
Ion Ratio	Lower	Upper	
284	100		
142	31.6	27.8	41.8
249	33.0	25.4	38.0





#70

Atrazine

Concen: 47.188 ng/ul

RT: 16.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

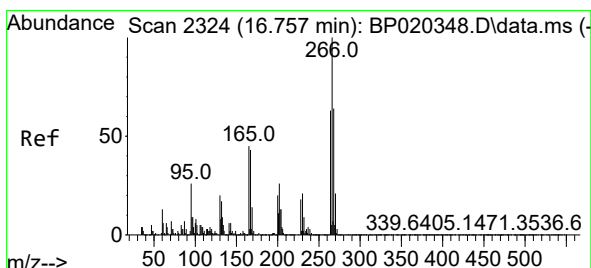
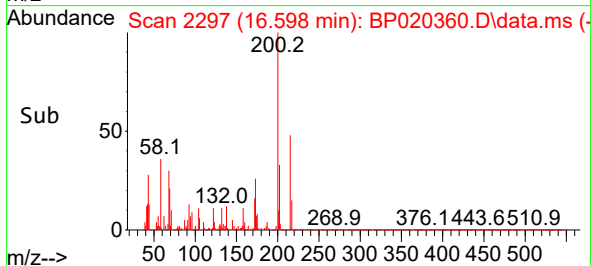
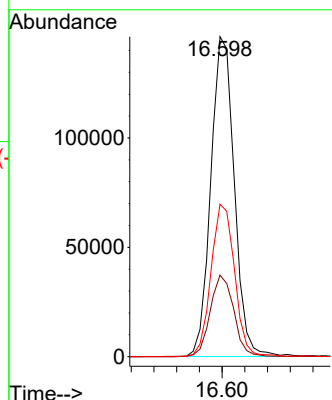
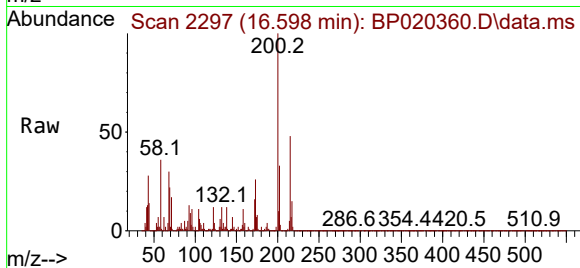
Tgt Ion:200 Resp: 209624

Ion Ratio Lower Upper

200 100

173 25.5 20.3 30.5

215 47.6 37.8 56.8



#71

Pentachlorophenol

Concen: 43.480 ng/ul

RT: 16.775 min Scan# 2327

Delta R.T. 0.018 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

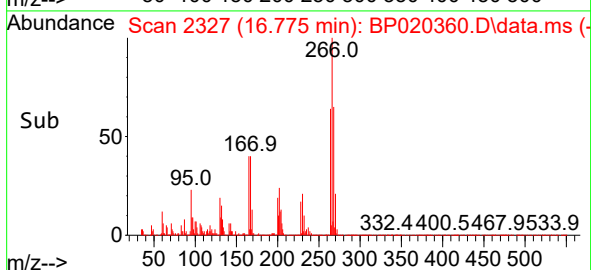
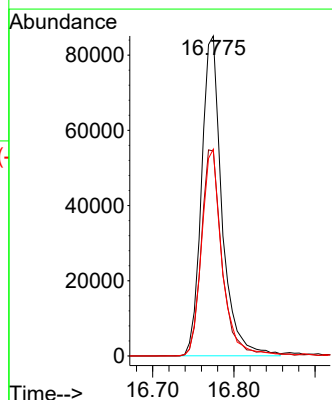
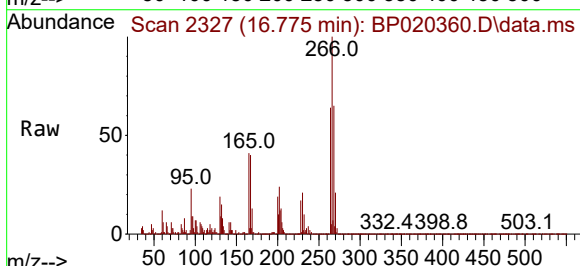
Tgt Ion:266 Resp: 148351

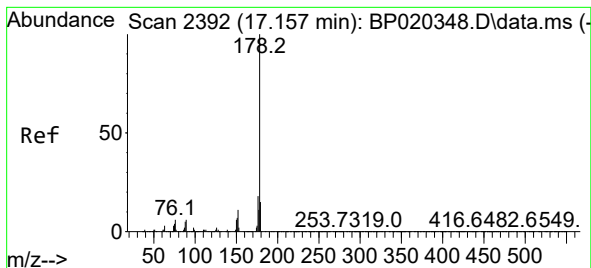
Ion Ratio Lower Upper

266 100

264 64.0 49.8 74.6

268 64.6 50.4 75.6





#72

Phenanthrene

Concen: 43.570 ng/ul

RT: 17.169 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

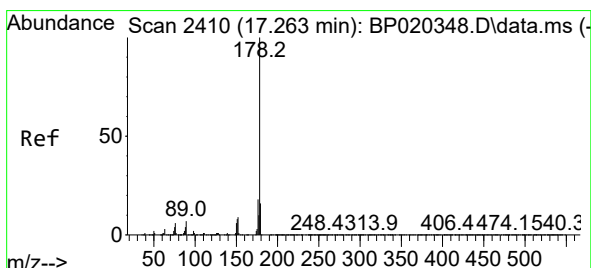
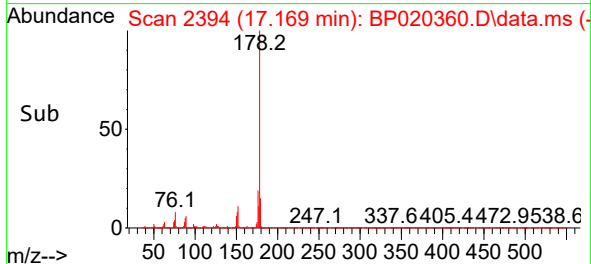
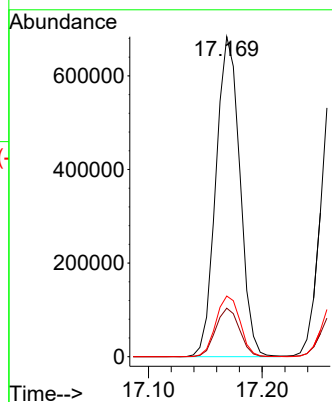
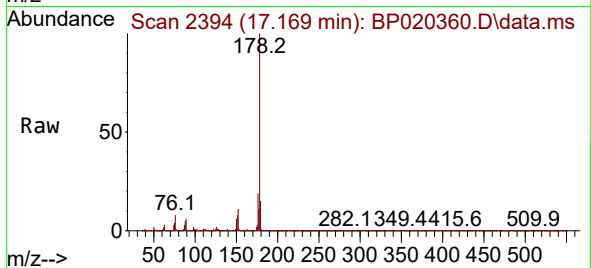
Tgt Ion:178 Resp: 1000219

Ion Ratio Lower Upper

178 100

179 15.1 13.0 19.6

176 18.9 15.2 22.8



#74

Anthracene

Concen: 41.763 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

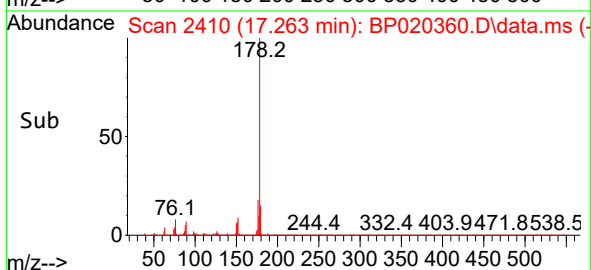
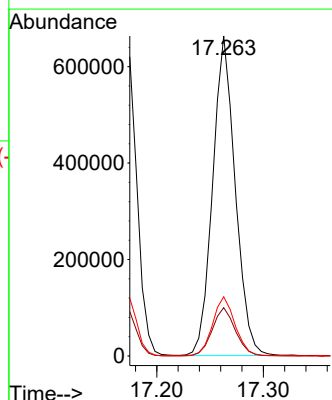
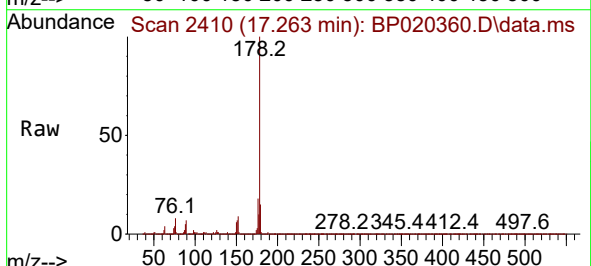
Tgt Ion:178 Resp: 975143

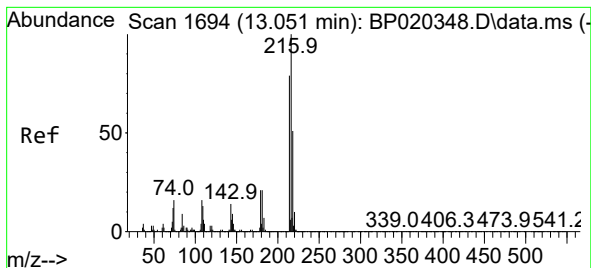
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 18.5 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 41.557 ng/uL

RT: 13.057 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

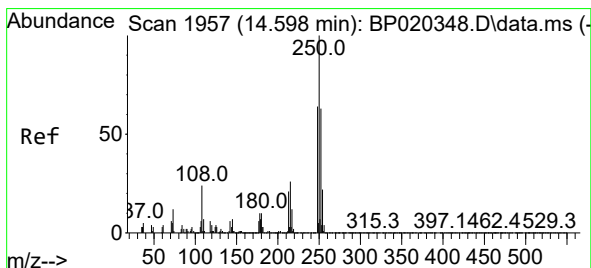
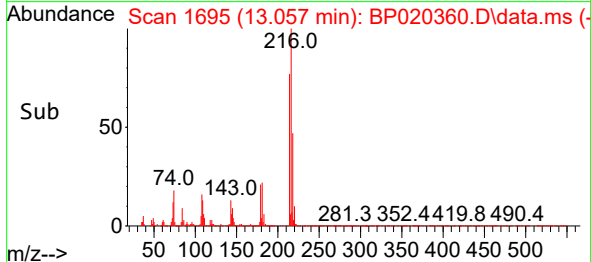
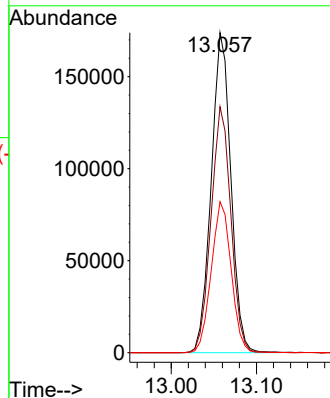
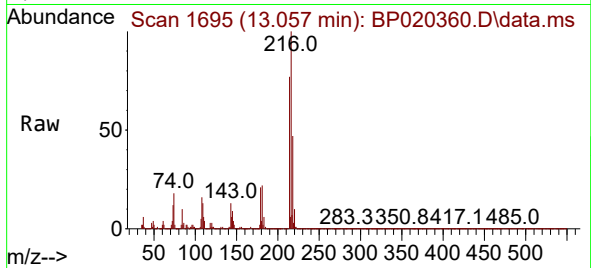
Tgt Ion:216 Resp: 277899

Ion Ratio Lower Upper

216 100

214 76.8 60.1 90.1

218 47.2 38.7 58.1



#76

Pentachlorobenzene

Concen: 43.614 ng/uL

RT: 14.610 min Scan# 1959

Delta R.T. 0.012 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

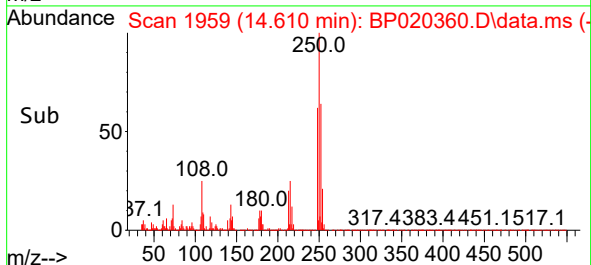
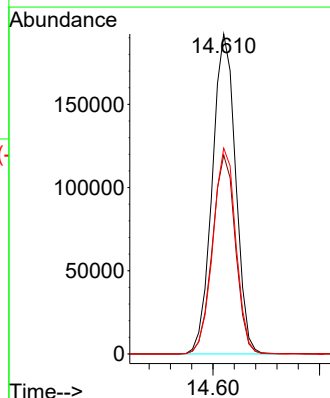
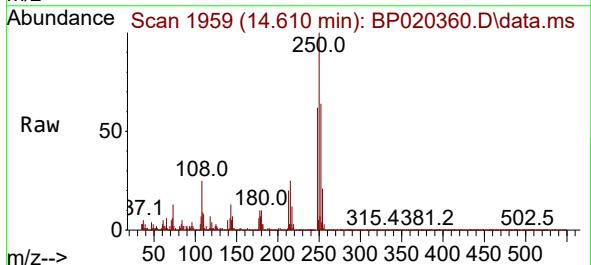
Tgt Ion:250 Resp: 291863

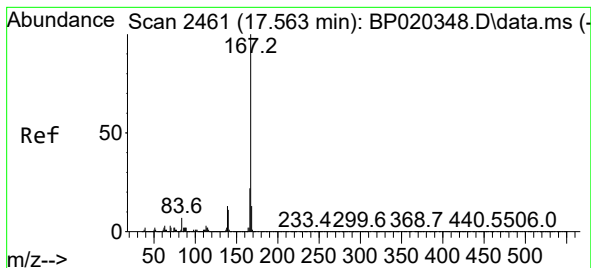
Ion Ratio Lower Upper

250 100

248 62.2 51.0 76.6

252 64.3 52.1 78.1





#77

Carbazole

Concen: 44.939 ng/ul

RT: 17.563 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

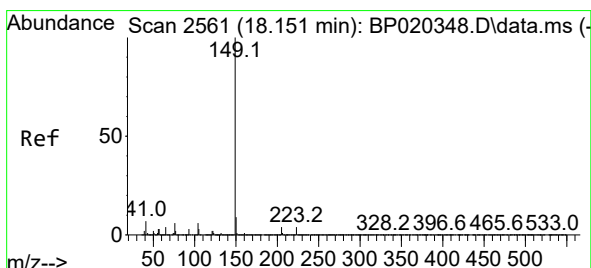
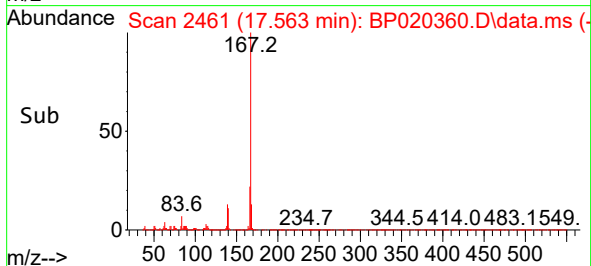
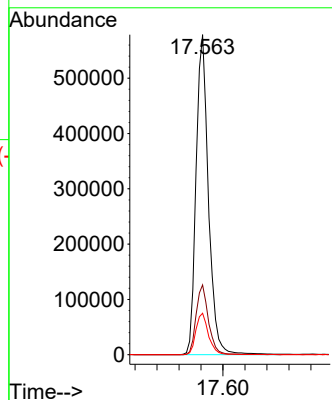
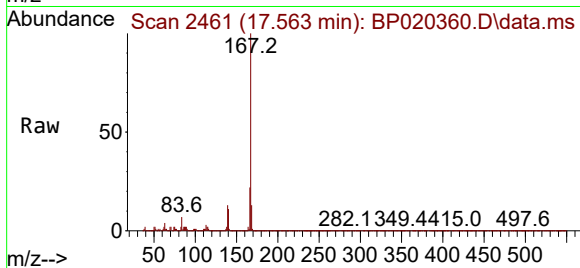
Tgt Ion:167 Resp: 903930

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 13.0 11.0 16.4



#78

Di-n-butylphthalate

Concen: 45.446 ng/ul

RT: 18.151 min Scan# 2561

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

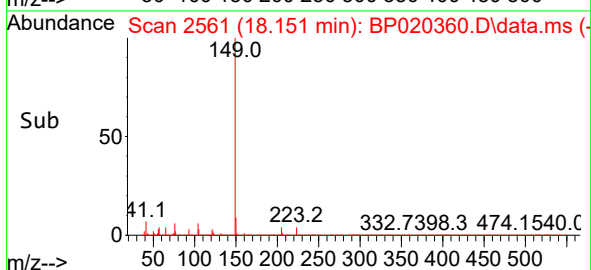
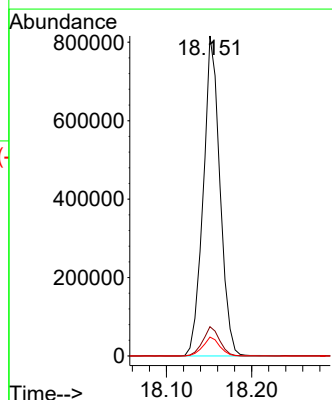
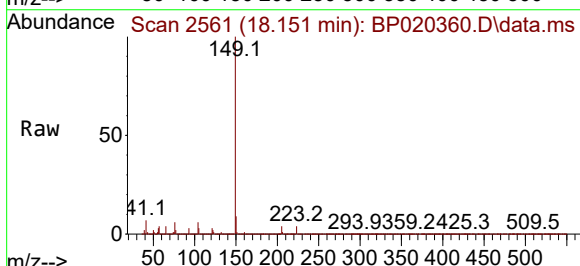
Tgt Ion:149 Resp: 1108035

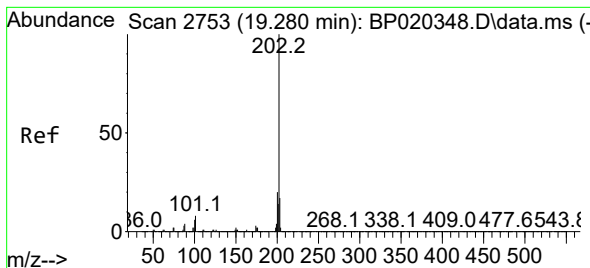
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.9 5.0 7.6





#80

Fluoranthene

Concen: 38.816 ng/ul

RT: 19.280 min Scan# 2753

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

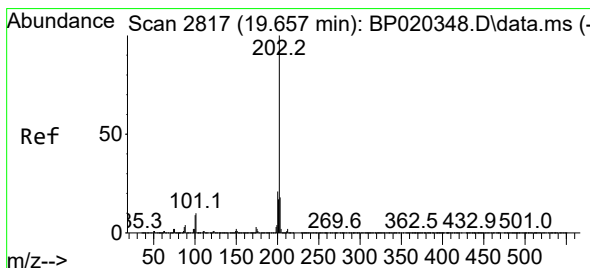
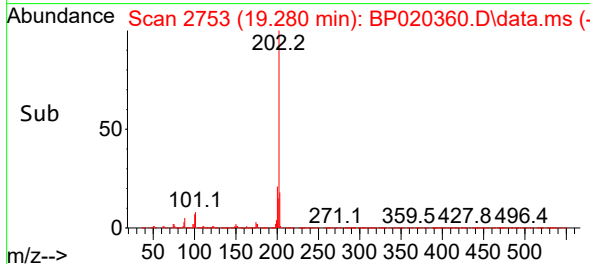
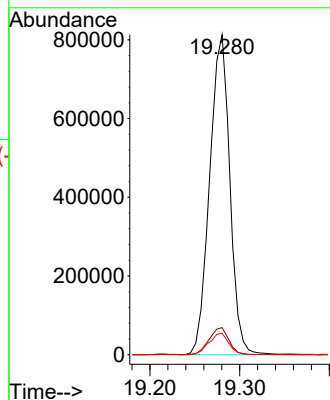
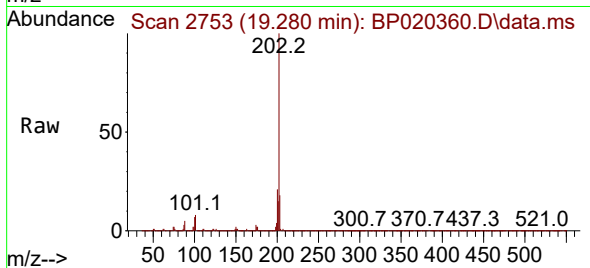
Tgt Ion:202 Resp: 1267145

Ion Ratio Lower Upper

202 100

101 8.5 7.0 10.4

100 6.7 5.5 8.3



#82

Pyrene

Concen: 39.450 ng/ul

RT: 19.657 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

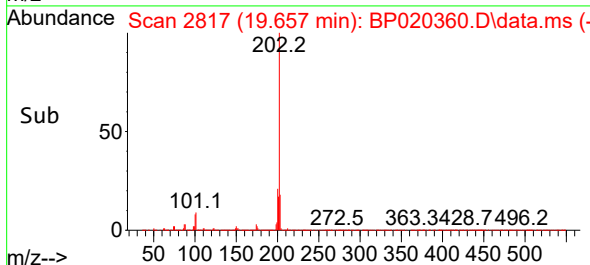
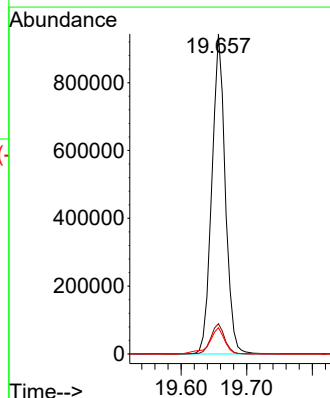
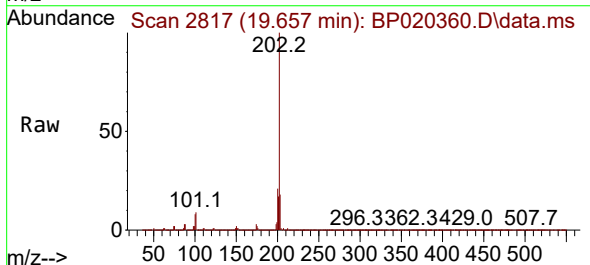
Tgt Ion:202 Resp: 1339984

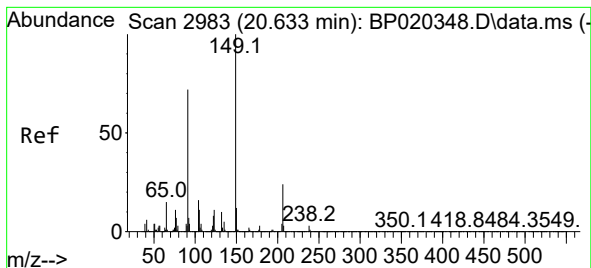
Ion Ratio Lower Upper

202 100

101 9.4 8.1 12.1

100 8.2 6.8 10.2





#83

Butylbenzylphthalate

Concen: 40.826 ng/ul

RT: 20.627 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

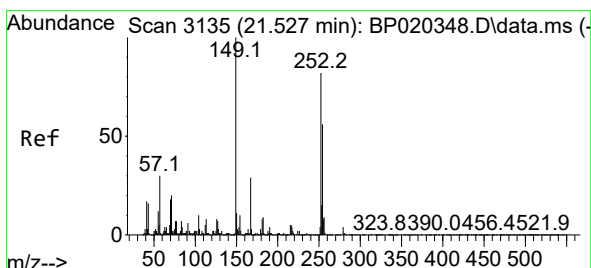
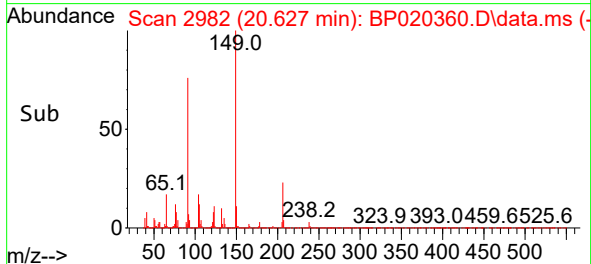
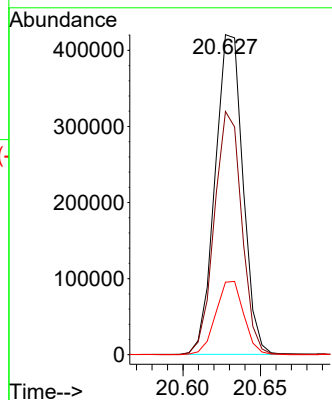
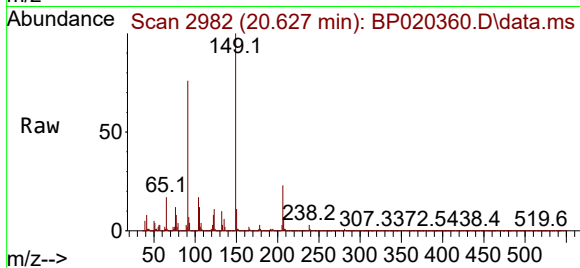
Tgt Ion:149 Resp: 526409

Ion Ratio Lower Upper

149 100

91 76.0 62.7 94.1

206 22.7 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 39.022 ng/ul

RT: 21.527 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

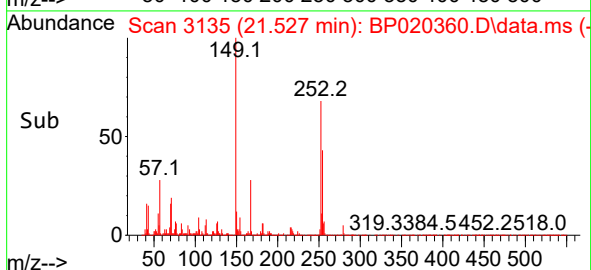
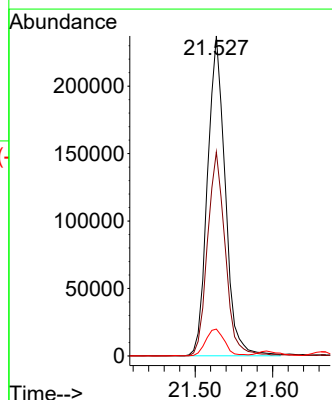
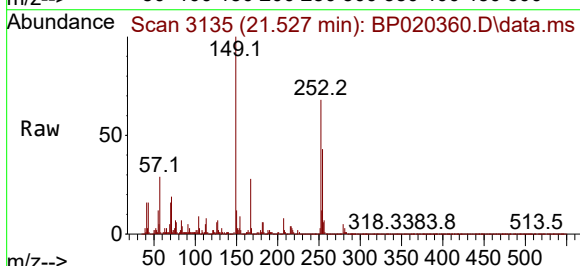
Tgt Ion:252 Resp: 376865

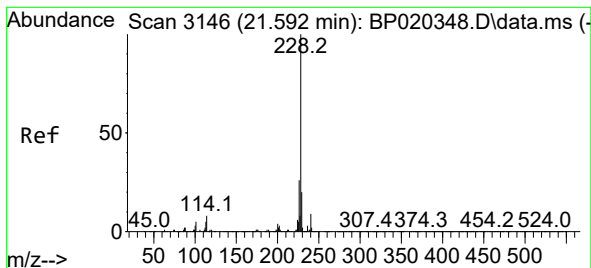
Ion Ratio Lower Upper

252 100

254 63.8 50.2 75.4

126 8.4 7.3 10.9





#85

Benzo(a)anthracene

Concen: 42.119 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

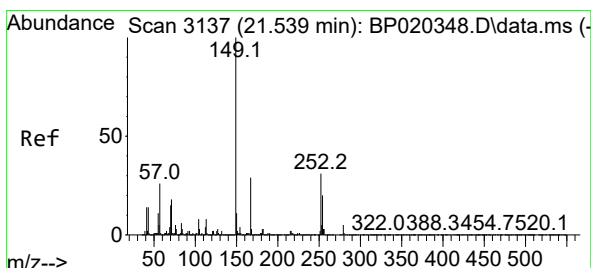
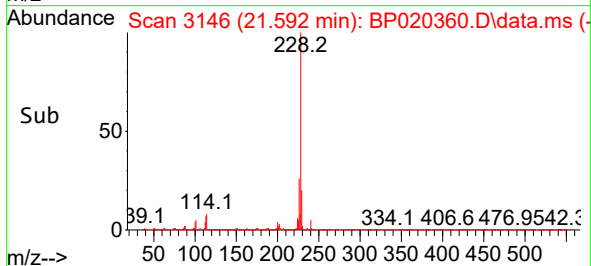
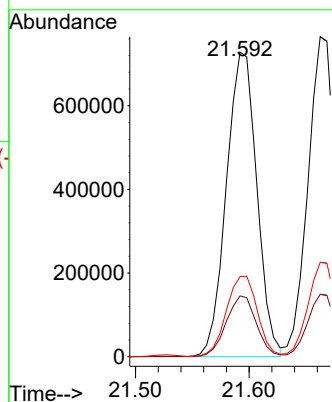
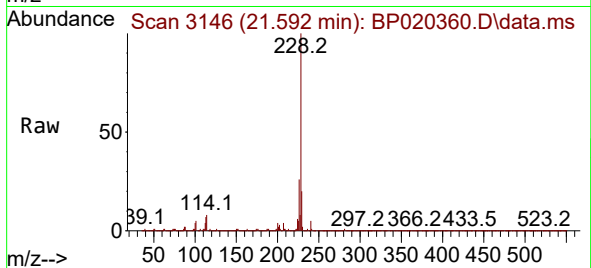
Tgt Ion:228 Resp: 1355666

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.8

226 26.3 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.300 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

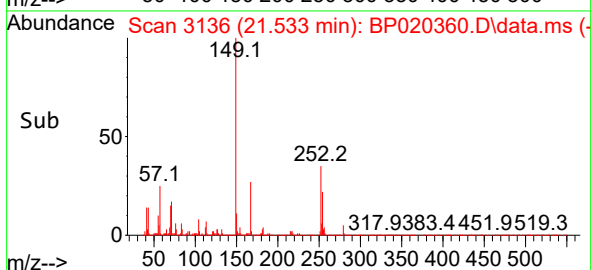
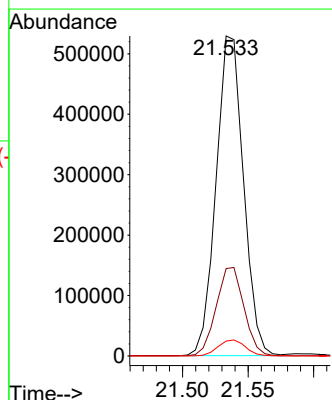
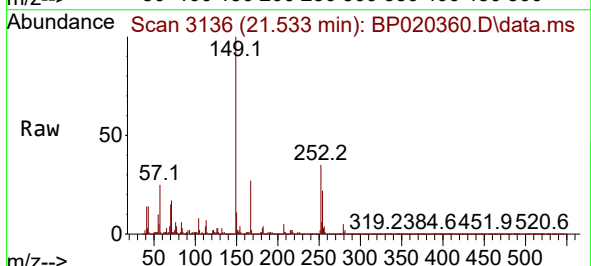
Tgt Ion:149 Resp: 768225

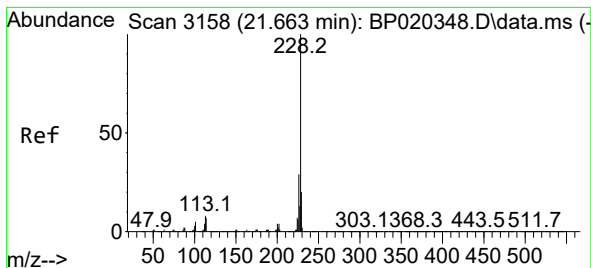
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.6 3.4 5.2





#87

Chrysene

Concen: 43.454 ng/ul

RT: 21.663 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

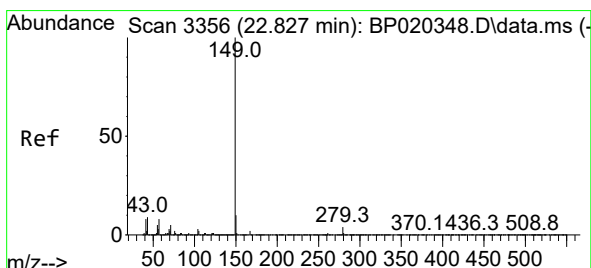
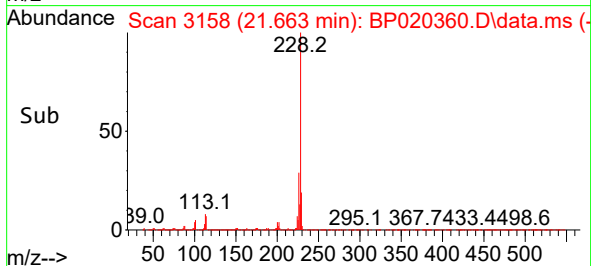
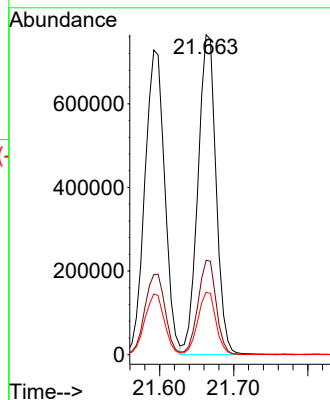
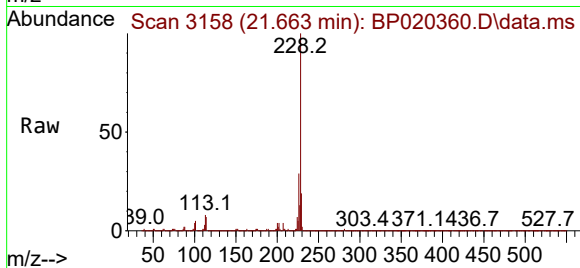
Tgt Ion:228 Resp: 1296295

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.4

229 19.5 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 38.652 ng/ul

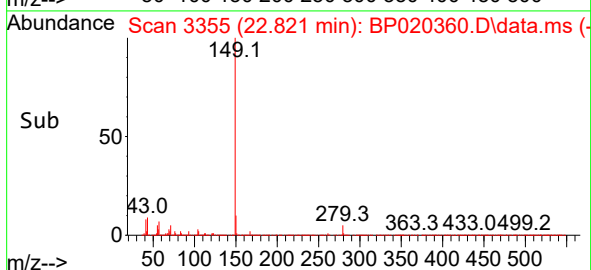
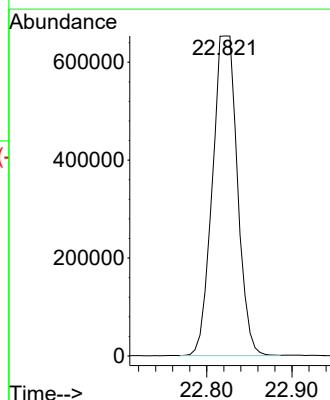
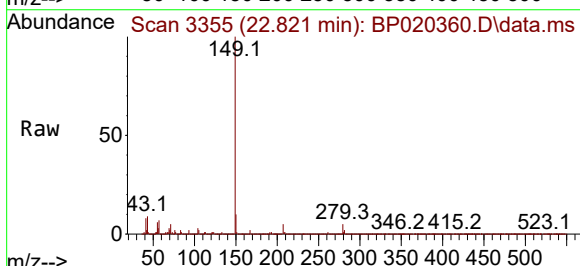
RT: 22.821 min Scan# 3355

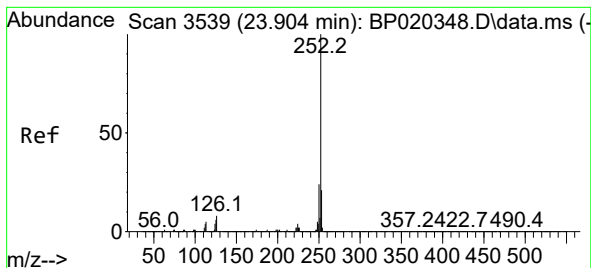
Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Tgt Ion:149 Resp: 1331712





#90

Benzo(b)fluoranthene

Concen: 43.418 ng/ul

RT: 23.904 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

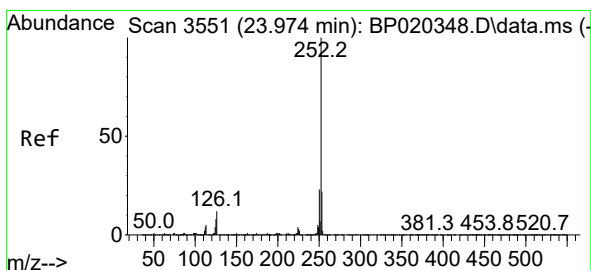
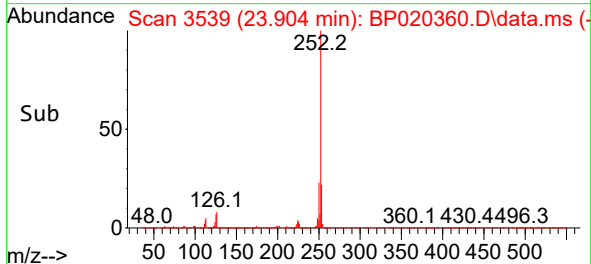
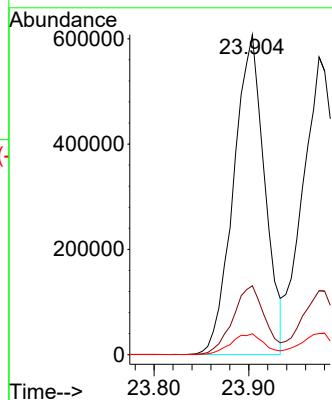
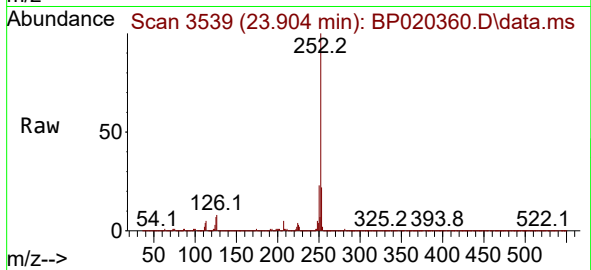
Tgt Ion:252 Resp: 1389516

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 6.5 6.2 9.2



#91

Benzo(k)fluoranthene

Concen: 42.335 ng/ul

RT: 23.974 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

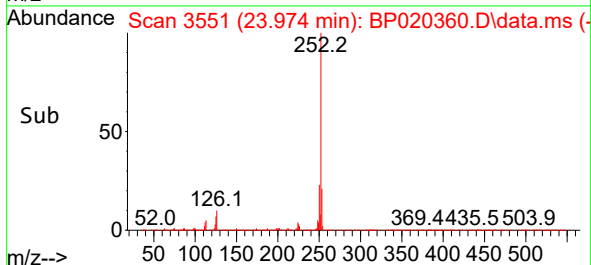
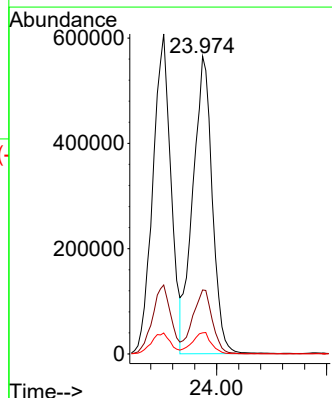
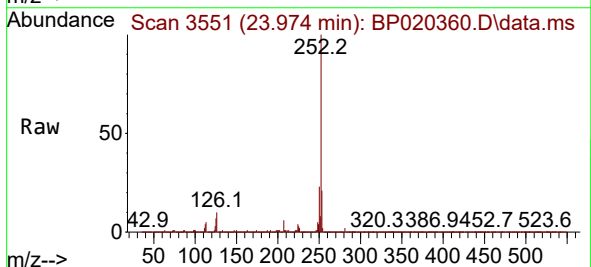
Tgt Ion:252 Resp: 1380723

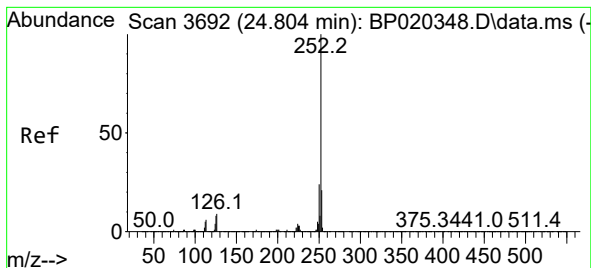
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 7.1 5.6 8.4





#93

Benzo(a)pyrene

Concen: 38.618 ng/ul

RT: 24.798 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

Instrument :

BNA_P

ClientSampleId :

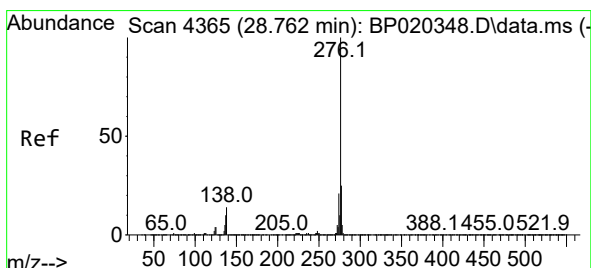
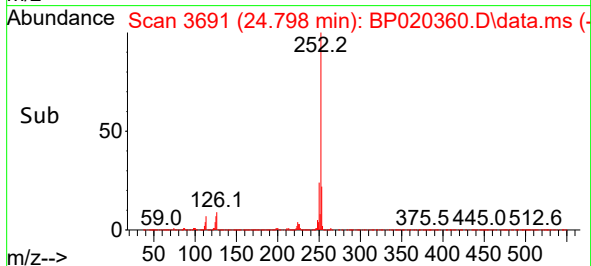
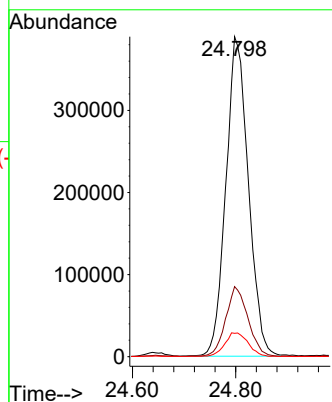
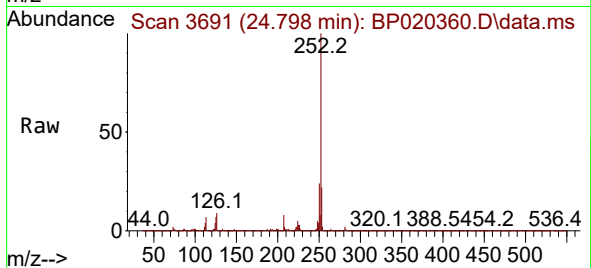
Tgt Ion:252 Resp: 1175956

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 7.3 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.232 ng/ul

RT: 28.768 min Scan# 4366

Delta R.T. 0.006 min

Lab File: BP020360.D

Acq: 13 May 2024 19:19

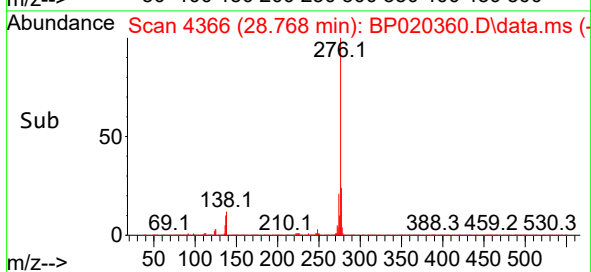
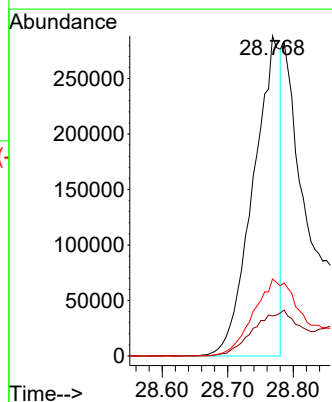
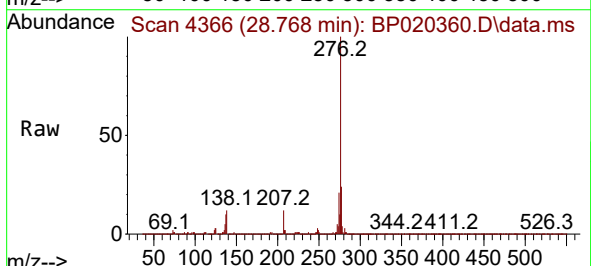
Tgt Ion:276 Resp: 829892

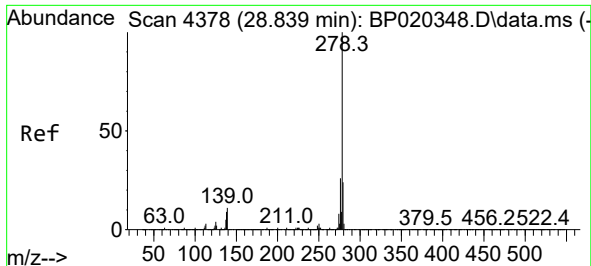
Ion Ratio Lower Upper

276 100

138 12.5 12.3 18.5

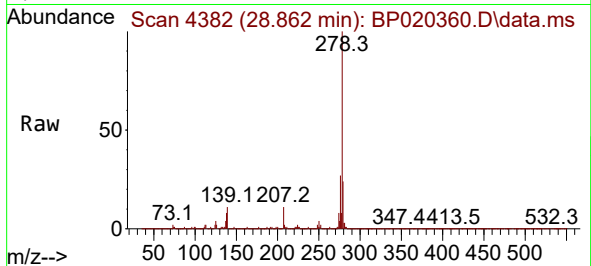
277 24.0 19.0 28.4





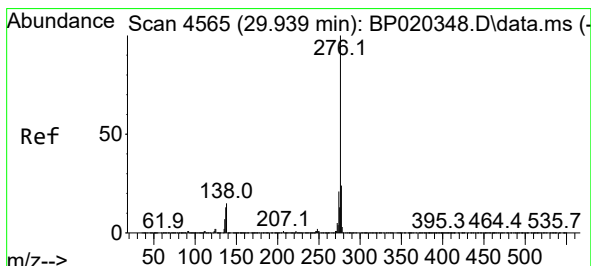
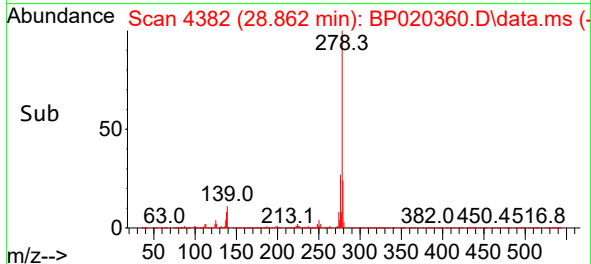
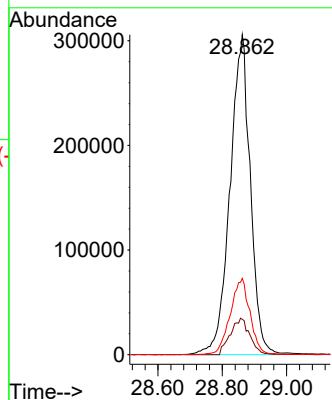
#95
 Dibenzo(a,h)anthracene
 Concen: 43.312 ng/ul
 RT: 28.862 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BP020360.D
 Acq: 13 May 2024 19:19

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 1337289

Ion	Ratio	Lower	Upper
278	100		
139	11.1	10.2	15.2
279	23.8	19.3	28.9



#96
 Benzo(g,h,i)perylene
 Concen: 42.629 ng/ul
 RT: 29.950 min Scan# 4567
 Delta R.T. 0.012 min
 Lab File: BP020360.D
 Acq: 13 May 2024 19:19

Tgt Ion:276 Resp: 1283428

Ion	Ratio	Lower	Upper
276	100		
138	13.8	11.6	17.4
277	23.2	19.4	29.0

