

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
 Data File : BP020361.D
 Acq On : 13 May 2024 20:03
 Operator : MA/JU
 Sample : P2371-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 13 22:30:20 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	71298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	295323	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	201056	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	447692	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	482790	20.000	ng/ul	-0.01
88) Perylene-d12	24.957	264	546822	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	8867	5.252	ng/uL	0.00
4) Pyridine-d5	3.611	84	120737	24.613	ng/ul	-0.01
7) Phenol-d5	6.799	99	189460	30.942	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	110573	29.728	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	145724	33.292	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	148234	29.944	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	75241	34.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	87890	34.705	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	162999	35.271	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	205773	31.814	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	514483	35.041	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	566779	34.945	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	71720	31.783	ng/ul	0.00
60) Fluorene-d10	15.316	176	432941	35.353	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	92648	32.612	ng/ul	0.01
73) Anthracene-d10	17.233	188	686303	35.436	ng/ul	0.02
81) Pyrene-d10	19.633	212	875228	31.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.721	264	956353	36.171	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	25142	13.124	ng/uL	91
5) Pyridine	3.628	79	175167	35.305	ng/ul	99
6) Benzaldehyde	6.781	77	145338	47.223	ng/ul	97
8) Phenol	6.828	94	245366	38.825	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.058	93	182290	36.862	ng/ul	99
12) 2-Chlorophenol	7.181	128	186137	40.729	ng/ul	94
13) 2-Methylphenol	8.058	108	181091	38.415	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.128	45	136504	22.128	ng/ul	96
16) Acetophenone	8.434	105	306743	37.335	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.416	70	161321	36.182	ng/ul	96
18) 4-Methylphenol	8.387	108	203425	39.703	ng/ul	97
19) Hexachloroethane	8.657	117	77683	37.170	ng/ul	90
22) Nitrobenzene	8.810	77	245298	38.639	ng/ul	99
23) Isophorone	9.334	82	450699	36.920	ng/ul	99
25) 2-Nitrophenol	9.516	139	112771	42.990	ng/ul	94
26) 2,4-Dimethylphenol	9.569	107	190902	33.357	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.810	93	253924	37.521	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	195889	43.578	ng/ul	99
30) Naphthalene	10.428	128	601433	39.511	ng/ul	99
32) 4-Chloroaniline	10.563	127	239203	37.819	ng/ul	100
33) Hexachlorobutadiene	10.693	225	139442	39.938	ng/ul	97
34) Caprolactam	11.381	113	65247	41.570	ng/ul	93
35) 4-Chloro-3-methylphenol	11.704	107	230846	41.246	ng/ul	97
36) 2-Methylnaphthalene	12.057	142	431455	40.737	ng/ul	98

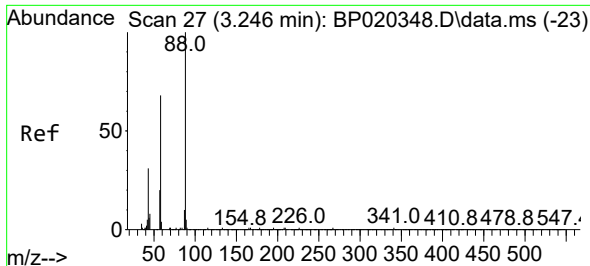
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
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 Quant Title : SVOA CALIBRATION
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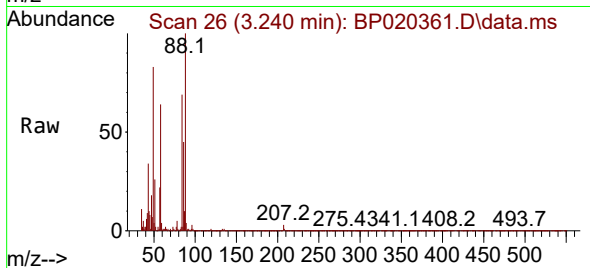
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	433071	40.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	271127	43.239	ng/ul	100
40) Hexachlorocyclopentadiene	12.387	237	80571	23.626	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	174420	44.356	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	191655	45.294	ng/ul	95
43) 1,1'-Biphenyl	13.093	154	580062	40.791	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	461100	40.863	ng/ul	99
45) 2-Nitroaniline	13.375	65	160356	42.842	ng/ul	91
47) Dimethylphthalate	13.751	163	610153	41.142	ng/ul	98
48) 2,6-Dinitrotoluene	13.893	165	127479	43.239	ng/ul	95
50) Acenaphthylene	14.004	152	737120	40.406	ng/ul	99
51) 3-Nitroaniline	14.234	138	126496	46.002	ng/ul	96
52) Acenaphthene	14.357	153	490474	40.008	ng/ul	100
53) 2,4-Dinitrophenol	14.463	184	66809	36.918	ng/ul	91
55) 4-Nitrophenol	14.575	109	114924	48.916	ng/ul	93
56) Dibenzofuran	14.704	168	726880	43.111	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	196649	46.393	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.945	232	173795	45.739	ng/ul	93
59) Diethylphthalate	15.157	149	610973	41.271	ng/ul	99
61) Fluorene	15.369	166	597095	42.621	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	318133	42.804	ng/ul	95
63) 4-Nitroaniline	15.434	138	117866	51.435	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.487	198	120268	40.599	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	522330	41.903	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	205537	42.385	ng/ul	96
69) Hexachlorobenzene	16.392	284	241557	43.008	ng/ul	95
70) Atrazine	16.598	200	201200	45.520	ng/ul	99
71) Pentachlorophenol	16.775	266	143739	42.340	ng/ul	99
72) Phenanthrene	17.163	178	967235	42.345	ng/ul	98
74) Anthracene	17.275	178	953657	41.049	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	267555	40.211	ng/uL	98
76) Pentachlorobenzene	14.610	250	278937	41.892	ng/uL	98
77) Carbazole	17.563	167	891375	44.538	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1071974	44.188	ng/ul	99
80) Fluoranthene	19.286	202	1251810	37.691	ng/ul	97
82) Pyrene	19.663	202	1317240	38.118	ng/ul	99
83) Butylbenzylphthalate	20.627	149	515867	39.325	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.522	252	392583	39.955	ng/ul	98
85) Benzo(a)anthracene	21.586	228	1374543	41.976	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	754478	39.868	ng/ul	96
87) Chrysene	21.651	228	1279188	42.148	ng/ul	100
89) Di-n-octyl phthalate	22.821	149	1346051	38.437	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	1384721	42.570	ng/ul	99
91) Benzo(k)fluoranthene	23.957	252	1350798	40.749	ng/ul	99
93) Benzo(a)pyrene	24.804	252	1154712	37.308	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	1648737	43.455	ng/ul	98
95) Dibenzo(a,h)anthracene	28.845	278	1327612	42.304	ng/ul	98
96) Benzo(g,h,i)perylene	29.933	276	607742	19.860	ng/ul	99

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

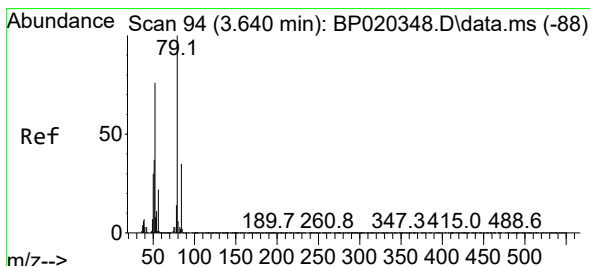
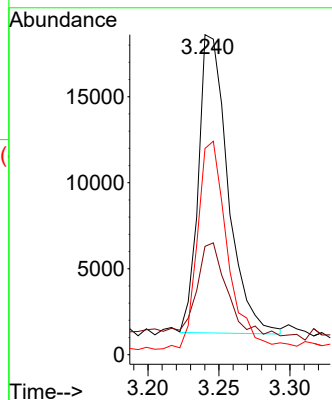
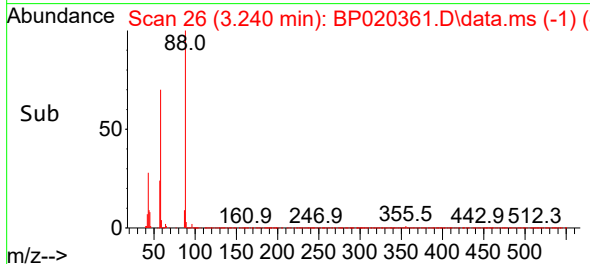


#2
1,4-Dioxane
Concen: 13.124 ng/uL
RT: 3.240 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Instrument :
BNA_P
ClientSampleId :

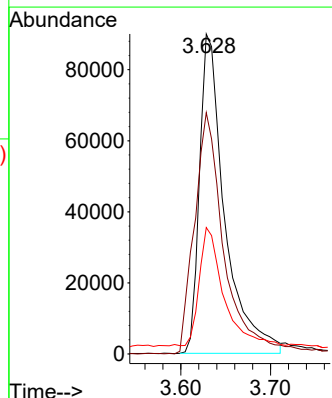
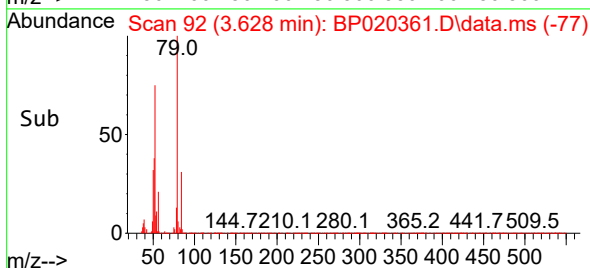
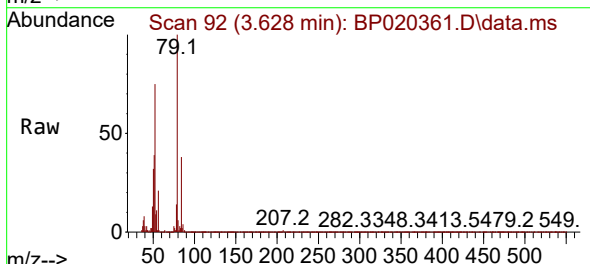


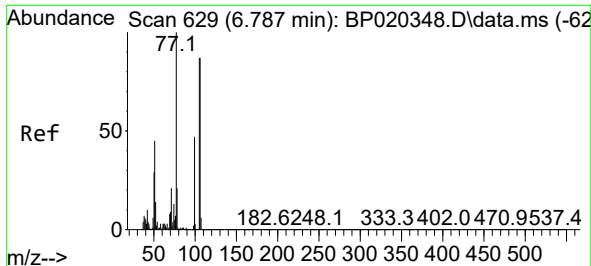
Tgt Ion: 88 Resp: 25142
Ion Ratio Lower Upper
88 100
43 33.9 23.9 35.9
58 64.5 58.2 87.4



#5
Pyridine
Concen: 35.305 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. -0.012 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion: 79 Resp: 175167
Ion Ratio Lower Upper
79 100
52 75.4 60.7 91.1
51 39.5 33.1 49.7

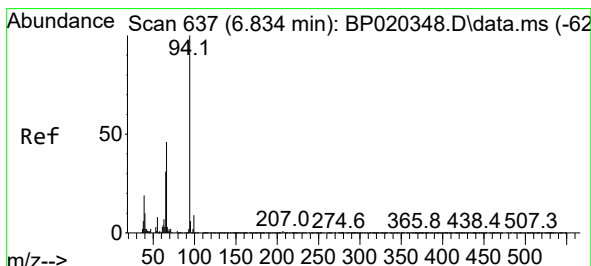
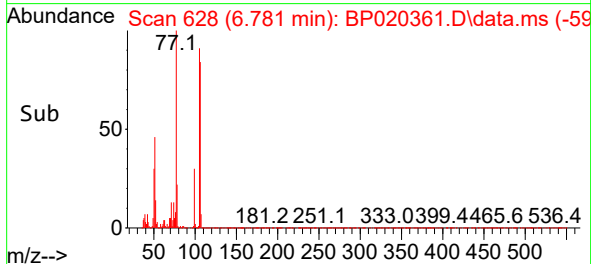
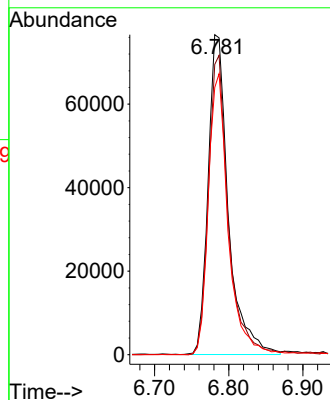
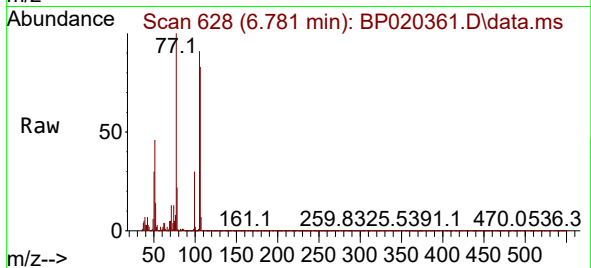




#6
Benzaldehyde
Concen: 47.223 ng/ul
RT: 6.781 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

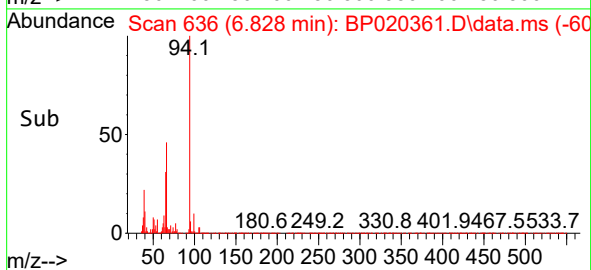
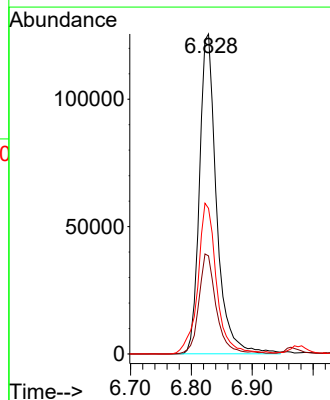
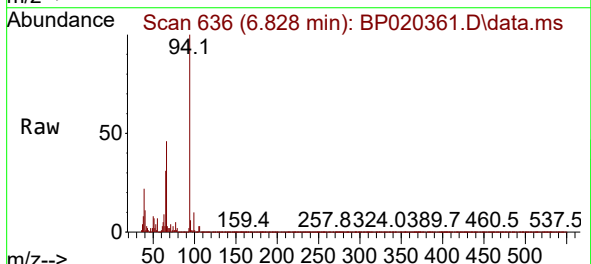
Instrument :
BNA_P
ClientSampleId :

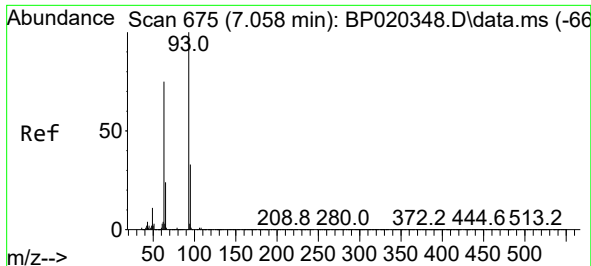
Tgt Ion: 77 Resp: 145338
Ion Ratio Lower Upper
77 100
105 90.7 75.4 113.2
106 83.5 68.2 102.2



#8
Phenol
Concen: 38.825 ng/ul
RT: 6.828 min Scan# 636
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion: 94 Resp: 245366
Ion Ratio Lower Upper
94 100
65 30.6 26.1 39.1
66 45.5 38.6 57.8





#10

Bis(2-Chloroethyl)ether

Concen: 36.862 ng/ul

RT: 7.058 min Scan# 61

Delta R.T. 0.000 min

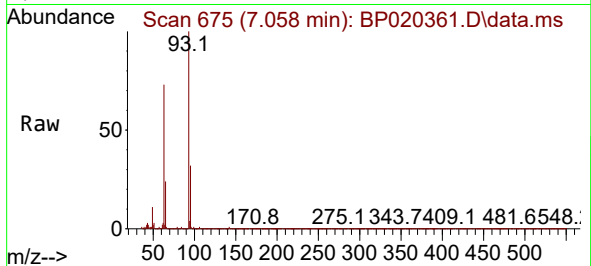
Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :



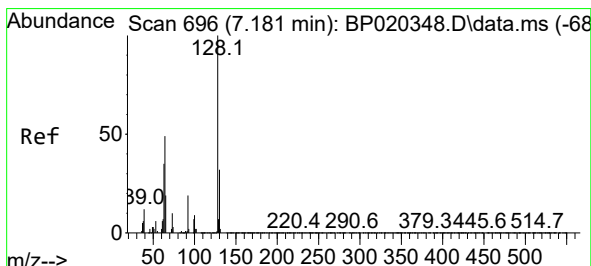
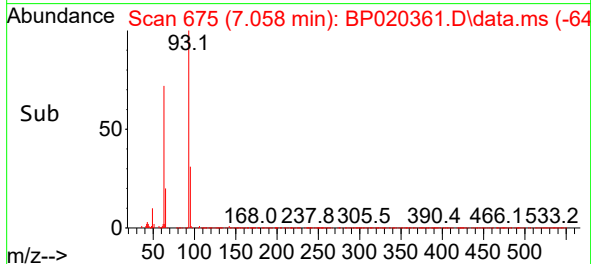
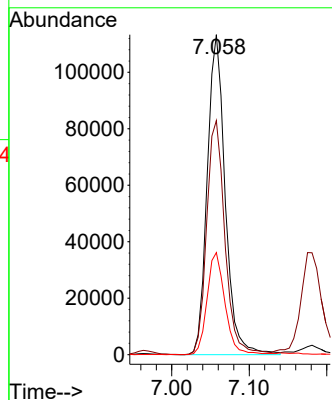
Tgt Ion: 93 Resp: 182290

Ion Ratio Lower Upper

93 100

63 73.2 59.5 89.3

95 31.9 25.3 37.9



#12

2-Chlorophenol

Concen: 40.729 ng/ul

RT: 7.181 min Scan# 696

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

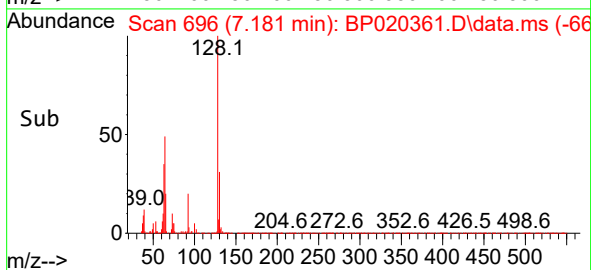
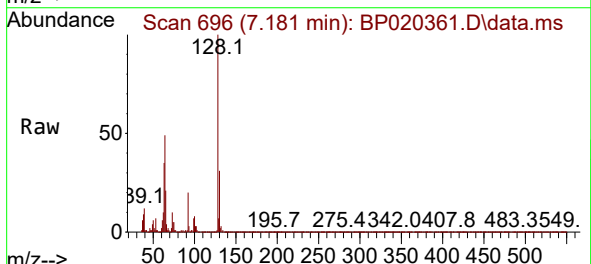
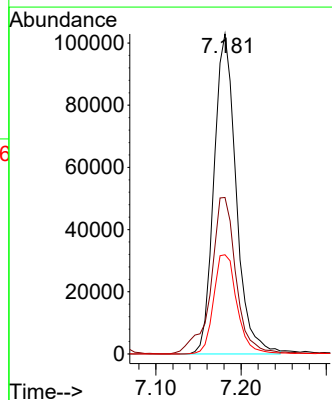
Tgt Ion:128 Resp: 186137

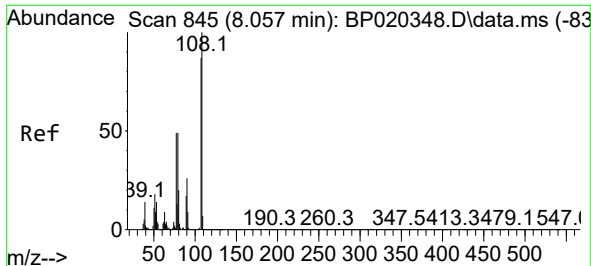
Ion Ratio Lower Upper

128 100

64 48.9 43.8 65.6

130 31.0 26.5 39.7





#13

2-Methylphenol

Concen: 38.415 ng/ul

RT: 8.058 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

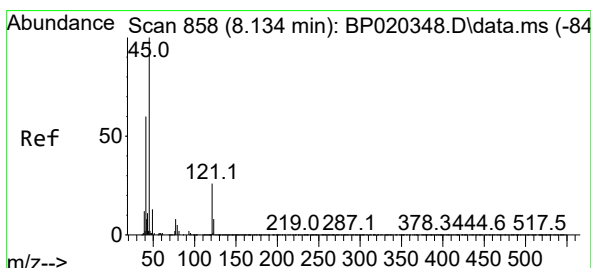
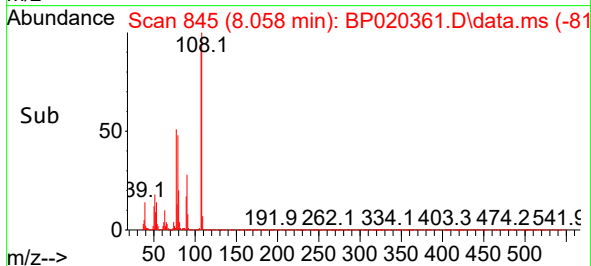
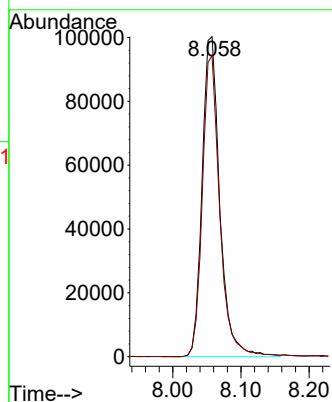
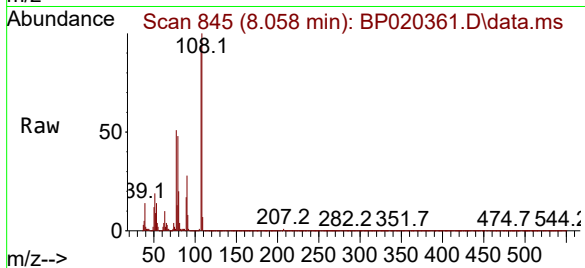
ClientSampleId :

Tgt Ion:108 Resp: 181091

Ion Ratio Lower Upper

108 100

107 94.1 73.0 109.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.128 ng/ul

RT: 8.128 min Scan# 857

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

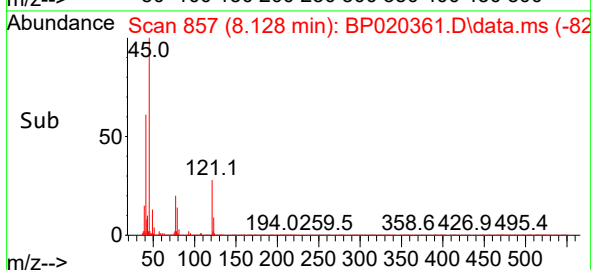
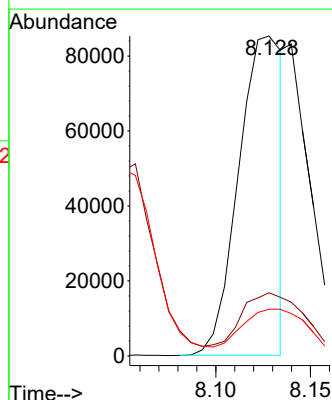
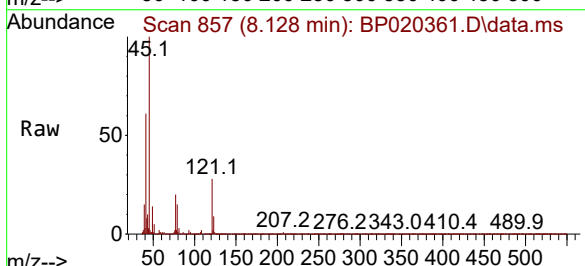
Tgt Ion: 45 Resp: 136504

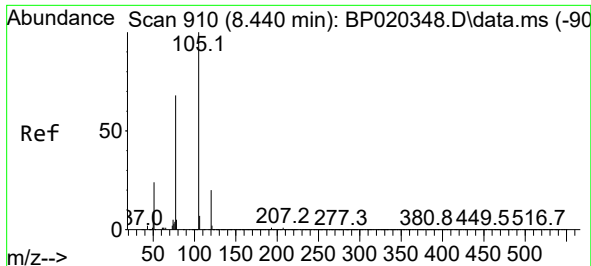
Ion Ratio Lower Upper

45 100

77 19.8 13.8 20.8

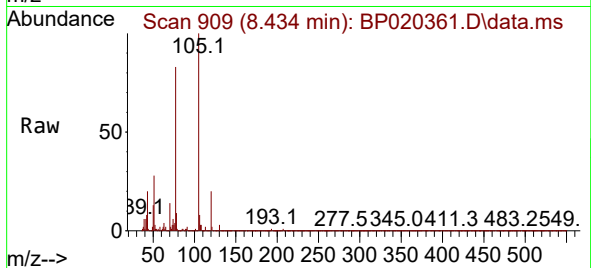
79 14.6 10.9 16.3



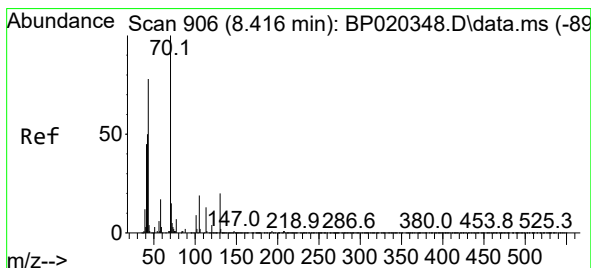
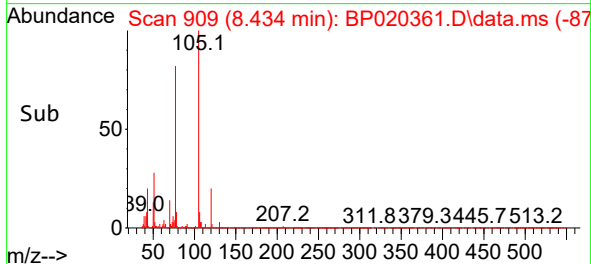
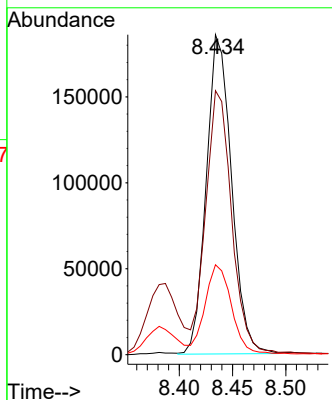


#16
Acetophenone
Concen: 37.335 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Instrument :
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ClientSampleId :

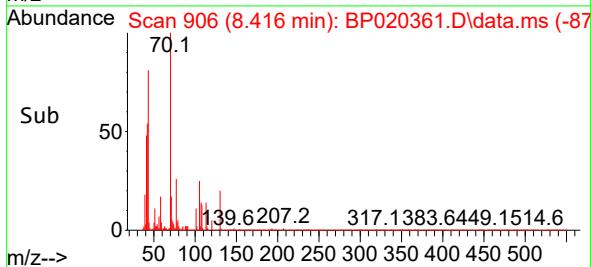
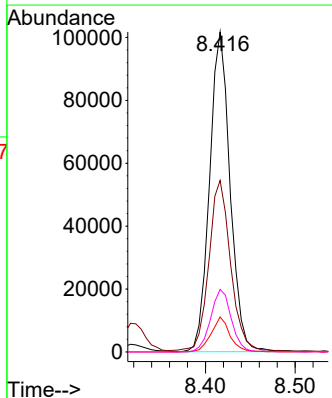
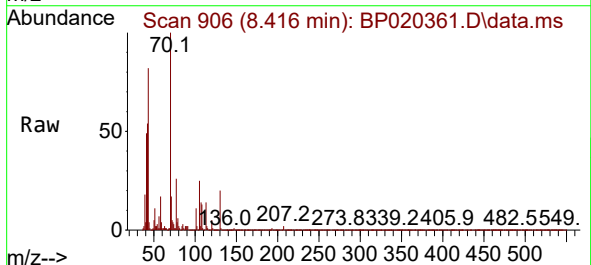


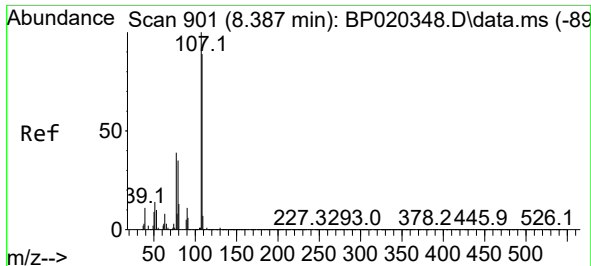
Tgt Ion:105 Resp: 306743
Ion Ratio Lower Upper
105 100
77 82.5 66.4 99.6
51 28.1 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 36.182 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion: 70 Resp: 161321
Ion Ratio Lower Upper
70 100
42 53.6 46.2 69.4
101 10.9 7.8 11.6
130 19.6 15.4 23.0

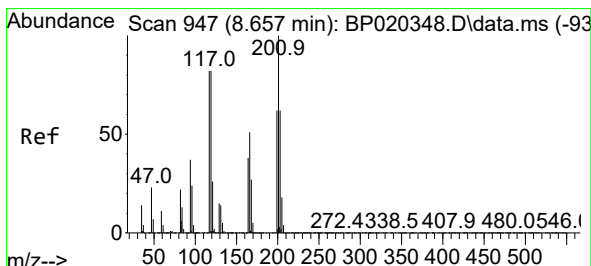
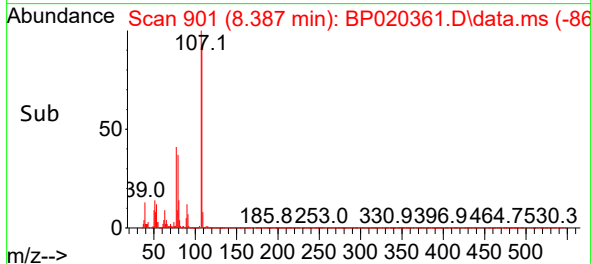
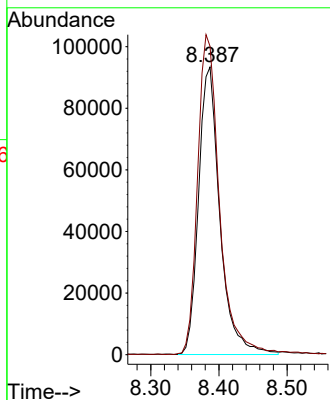
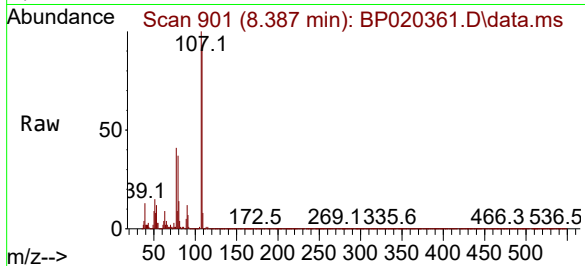




#18
4-Methylphenol
Concen: 39.703 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

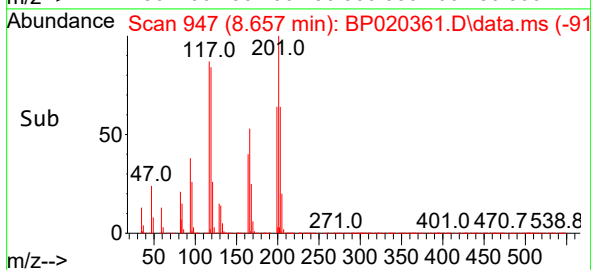
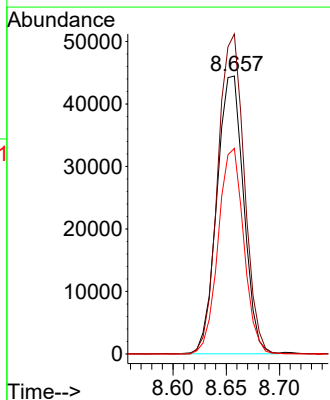
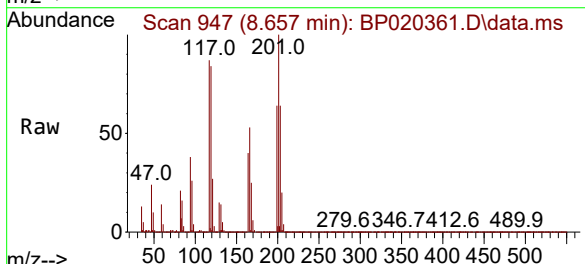
Instrument :
BNA_P
ClientSampleId :

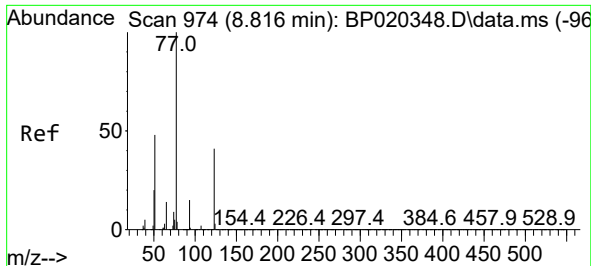
Tgt Ion:108 Resp: 203425
Ion Ratio Lower Upper
108 100
107 107.2 88.2 132.2



#19
Hexachloroethane
Concen: 37.170 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:117 Resp: 77683
Ion Ratio Lower Upper
117 100
201 115.1 84.0 126.0
199 74.0 53.4 80.2

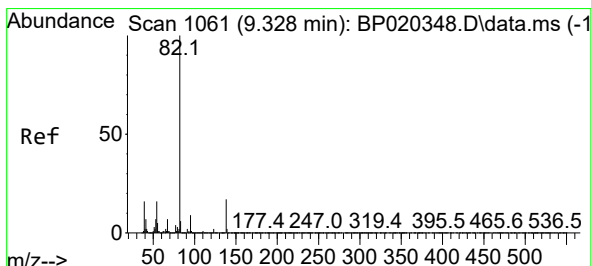
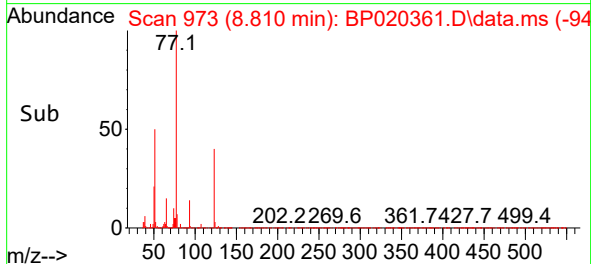
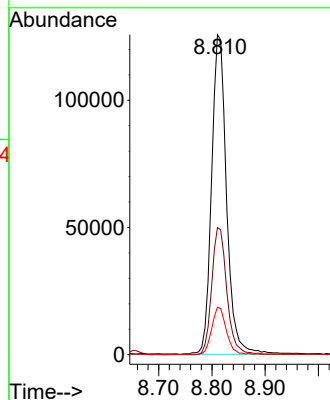
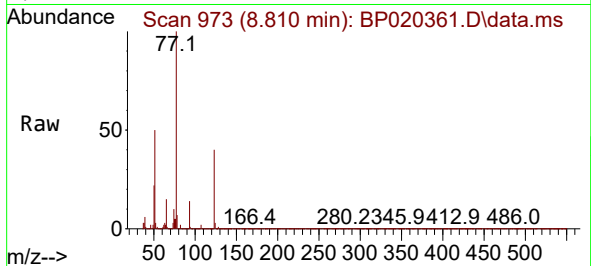




#22
Nitrobenzene
Concen: 38.639 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

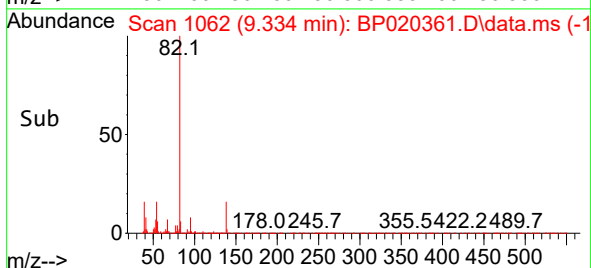
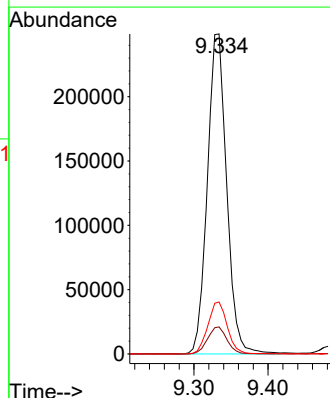
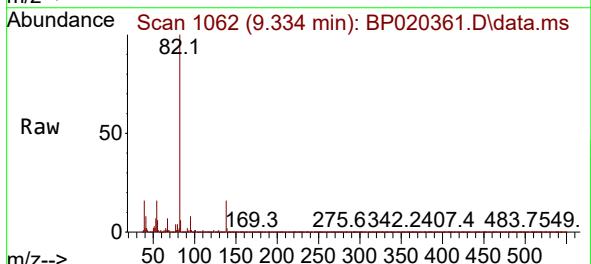
Instrument :
BNA_P
ClientSampleId :

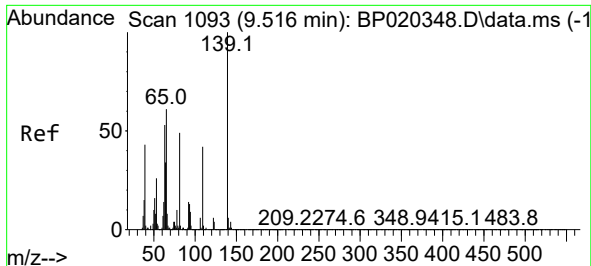
Tgt Ion: 77 Resp: 245298
Ion Ratio Lower Upper
77 100
123 39.8 31.4 47.2
65 14.9 11.4 17.2



#23
Isophorone
Concen: 36.920 ng/ul
RT: 9.334 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion: 82 Resp: 450699
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 16.3 12.9 19.3

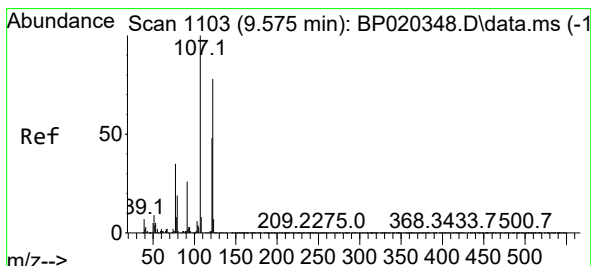
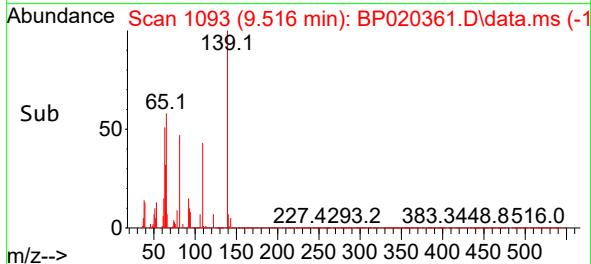
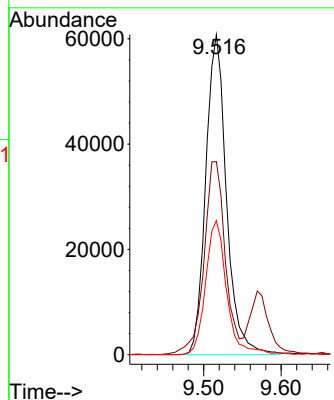
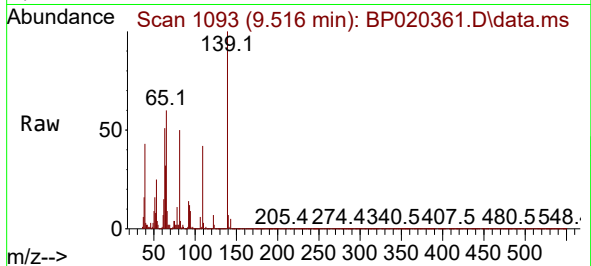




#25
2-Nitrophenol
Concen: 42.990 ng/ul
RT: 9.516 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

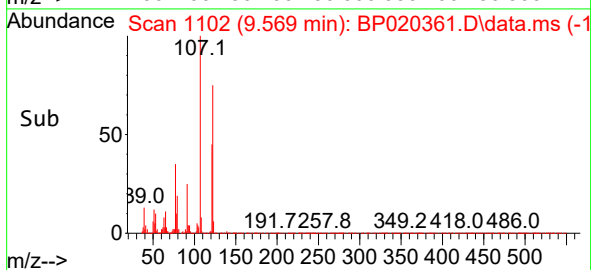
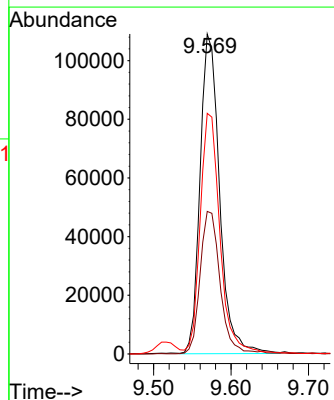
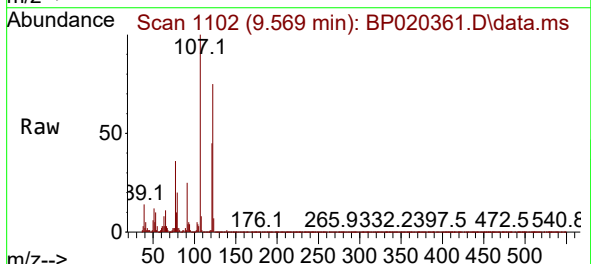
Instrument :
BNA_P
ClientSampleId :

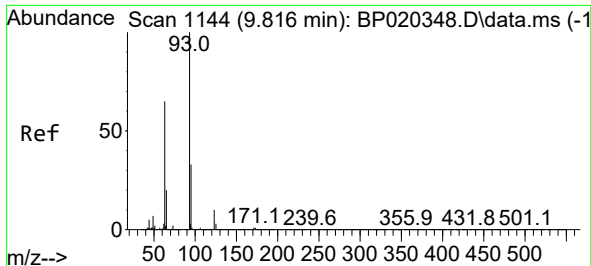
Tgt Ion	Ratio	Lower	Upper
139	100		
65	60.3	53.8	80.6
109	41.9	35.3	52.9



#26
2,4-Dimethylphenol
Concen: 33.357 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion	Ratio	Lower	Upper
107	100		
121	44.5	36.0	54.0
122	75.2	59.4	89.2





#27

Bis(2-Chloroethoxy)methane

Concen: 37.521 ng/ul

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

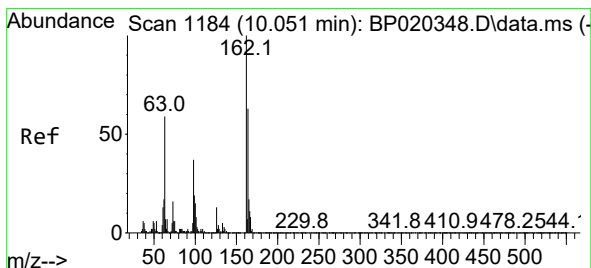
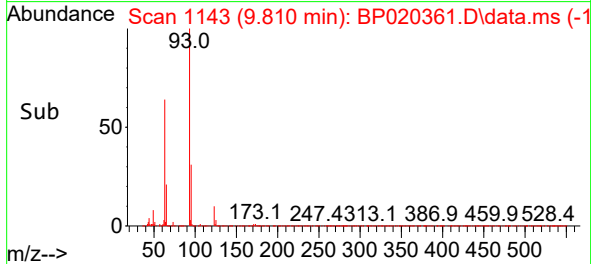
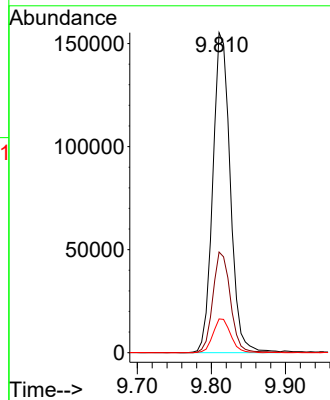
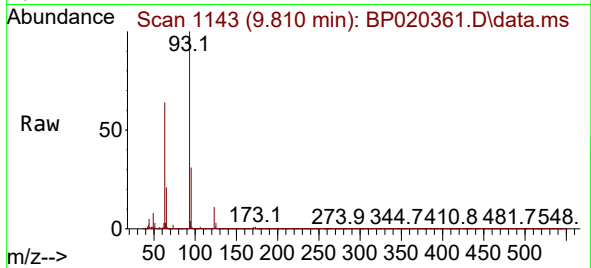
Tgt Ion: 93 Resp: 253924

Ion Ratio Lower Upper

93 100

95 31.4 25.6 38.4

123 10.5 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 43.578 ng/ul

RT: 10.046 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

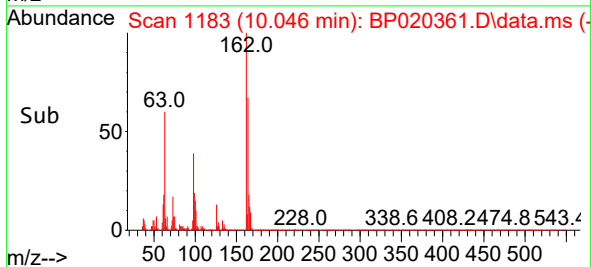
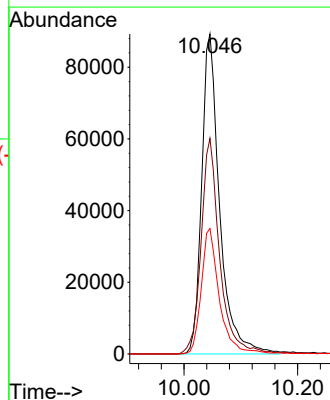
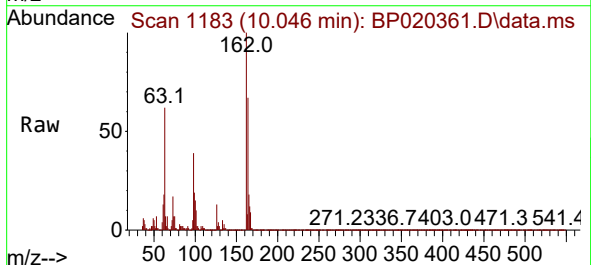
Tgt Ion:162 Resp: 195889

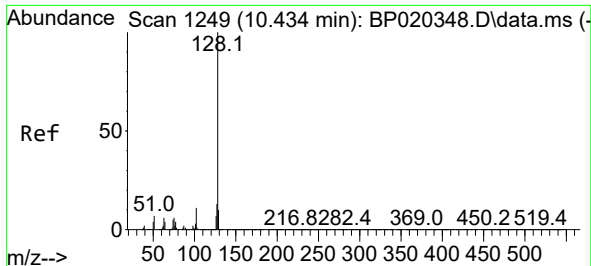
Ion Ratio Lower Upper

162 100

164 67.3 53.1 79.7

98 39.2 31.4 47.2

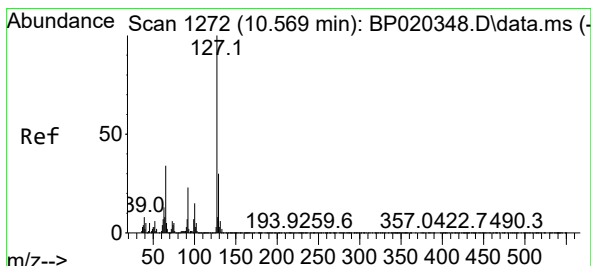
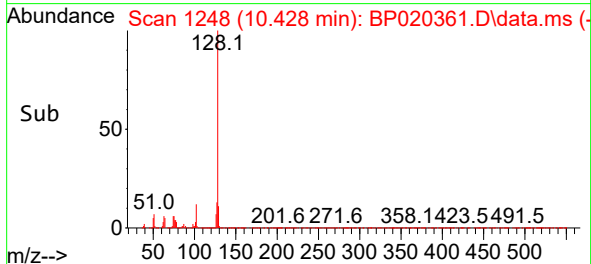
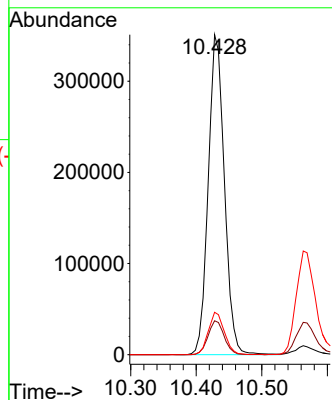
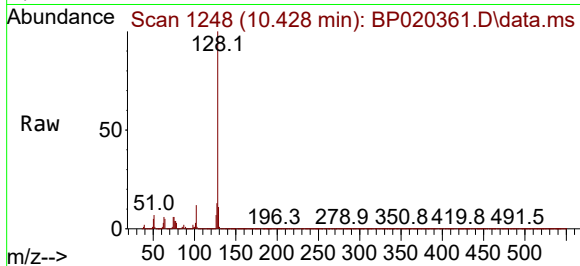




#30
Naphthalene
Concen: 39.511 ng/ul
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

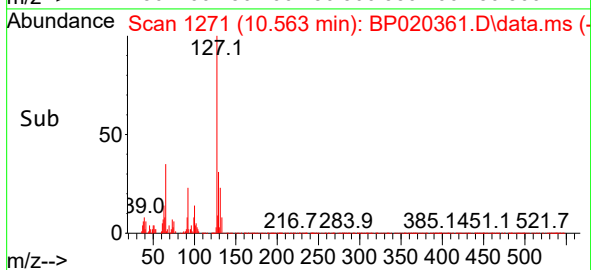
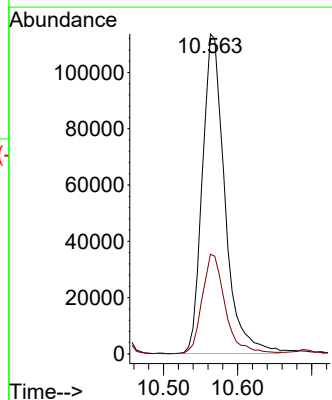
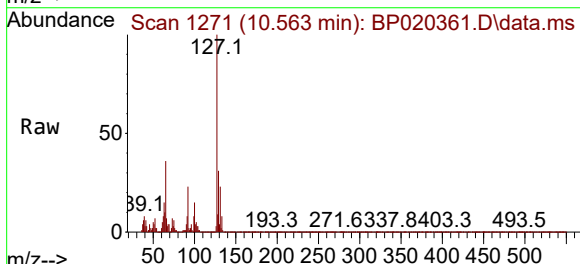
Instrument :
BNA_P
ClientSampleId :

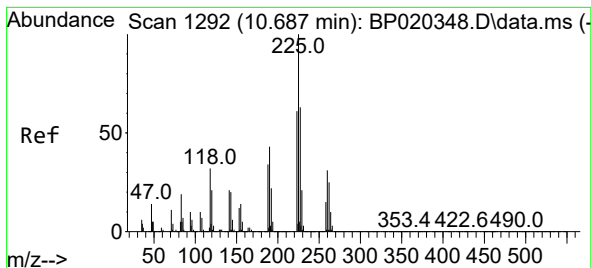
Tgt Ion:128 Resp: 601433
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.2 10.6 16.0



#32
4-Chloroaniline
Concen: 37.819 ng/ul
RT: 10.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:127 Resp: 239203
Ion Ratio Lower Upper
127 100
129 31.2 24.8 37.2





#33

Hexachlorobutadiene

Concen: 39.938 ng/ul

RT: 10.693 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

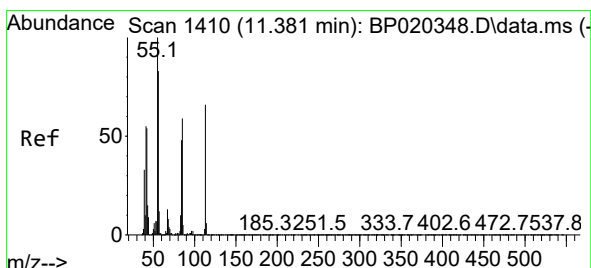
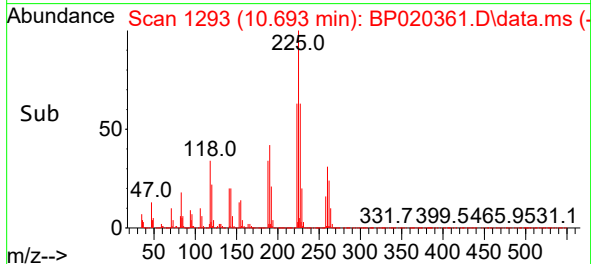
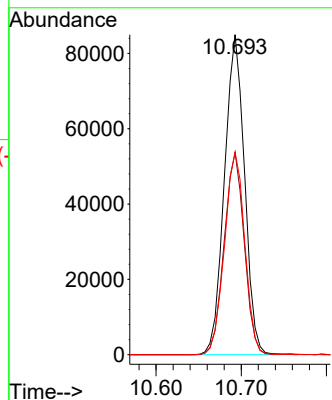
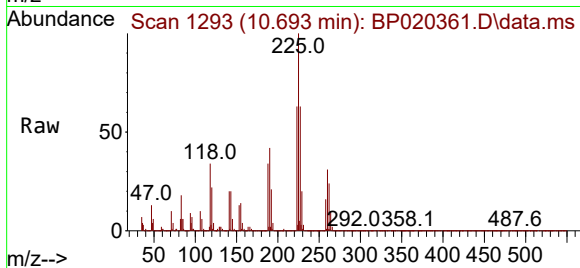
Tgt Ion:225 Resp: 139442

Ion Ratio Lower Upper

225 100

223 63.2 53.2 79.8

227 63.3 51.4 77.0



#34

Caprolactam

Concen: 41.570 ng/ul

RT: 11.381 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

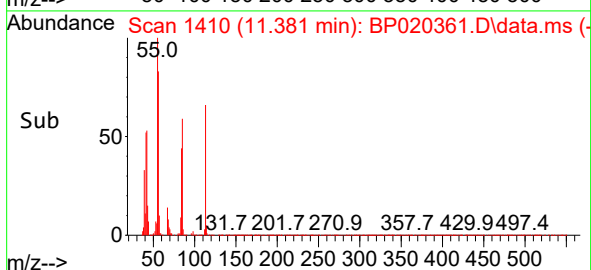
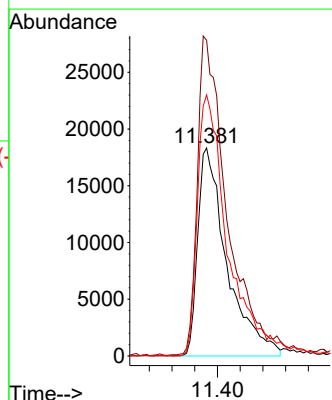
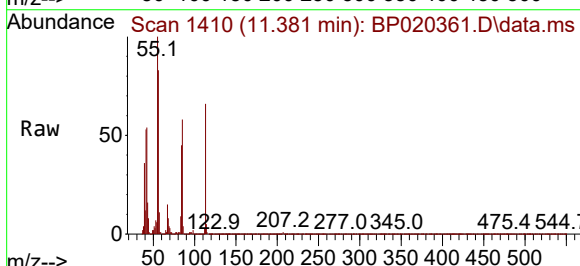
Tgt Ion:113 Resp: 65247

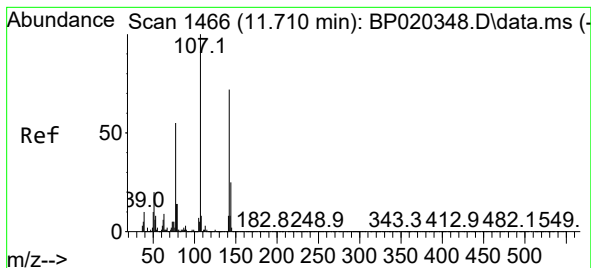
Ion Ratio Lower Upper

113 100

55 151.7 131.0 196.6

56 125.5 105.4 158.2

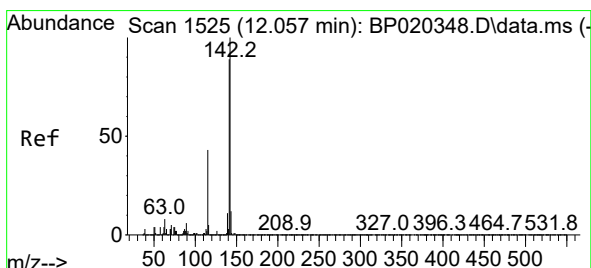
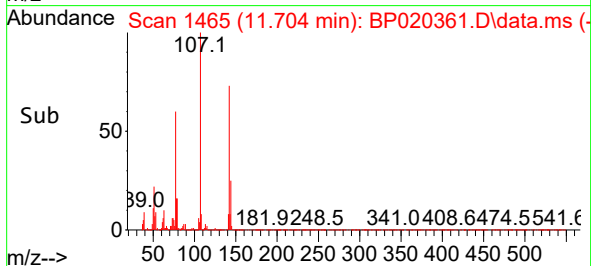
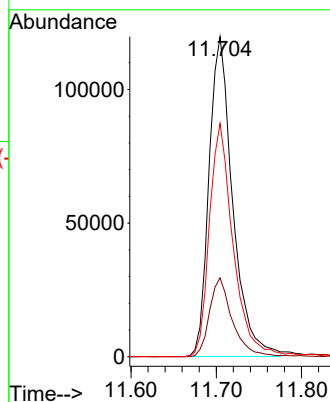
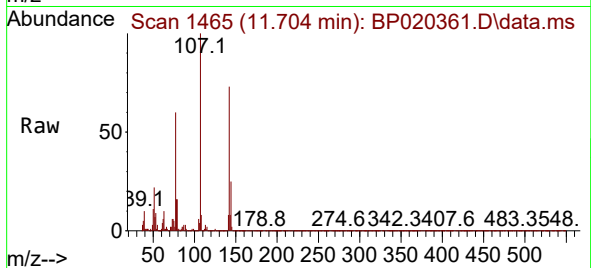




#35
4-Chloro-3-methylphenol
Concen: 41.246 ng/ul
RT: 11.704 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

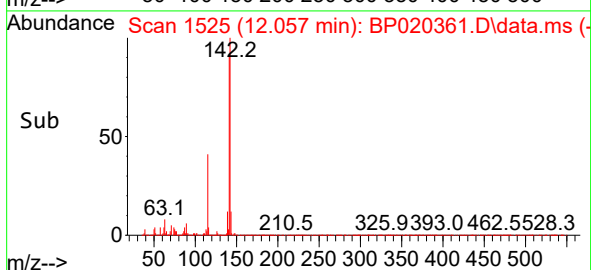
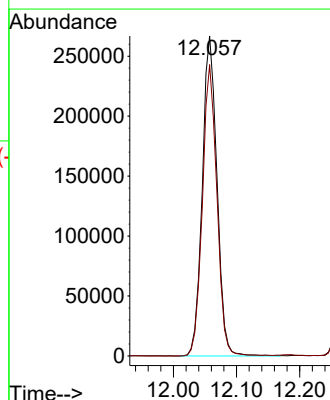
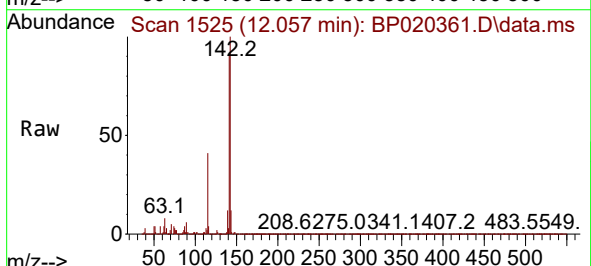
Instrument :
BNA_P
ClientSampleId :

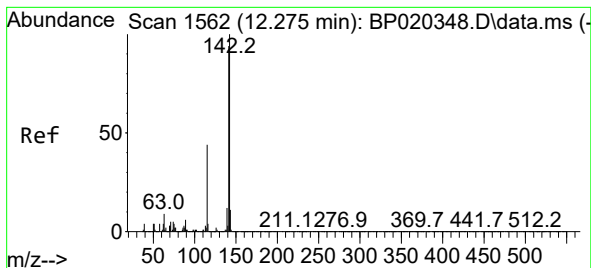
Tgt Ion:107 Resp: 230846
Ion Ratio Lower Upper
107 100
144 24.6 18.3 27.5
142 72.9 56.6 84.8



#36
2-Methylnaphthalene
Concen: 40.737 ng/ul
RT: 12.057 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:142 Resp: 431455
Ion Ratio Lower Upper
142 100
141 91.1 74.6 111.8





#37

1-Methylnaphthalene

Concen: 40.633 ng/ul

RT: 12.281 min Scan# 1563

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

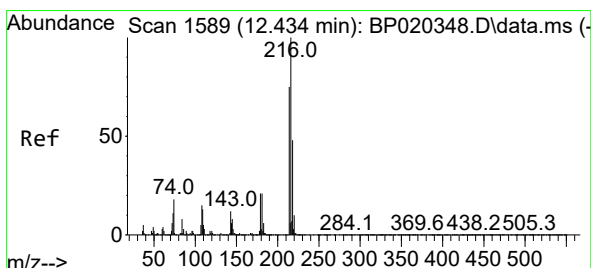
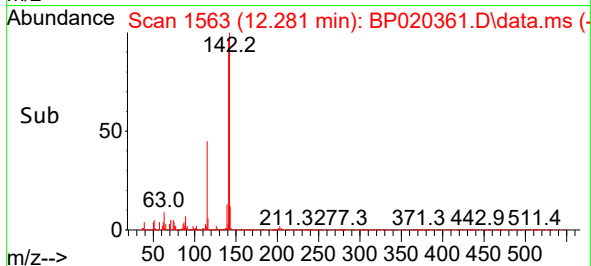
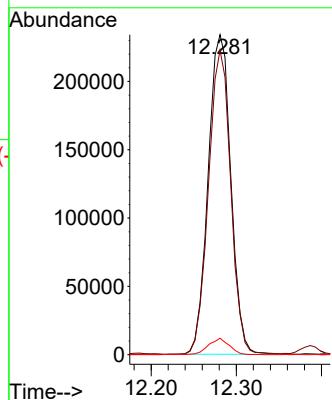
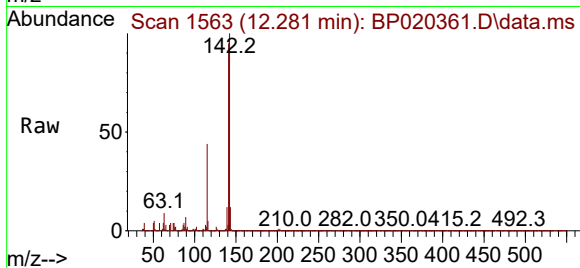
Tgt Ion:142 Resp: 433071

Ion Ratio Lower Upper

142 100

141 95.2 75.5 113.3

116 5.1 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.239 ng/ul

RT: 12.428 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Tgt Ion:216 Resp: 271127

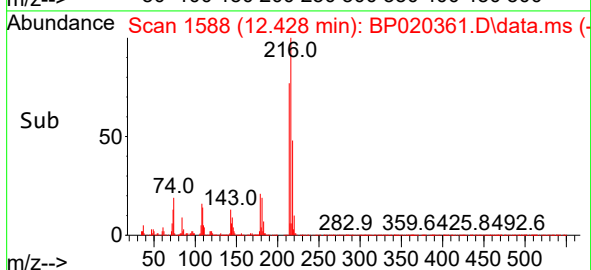
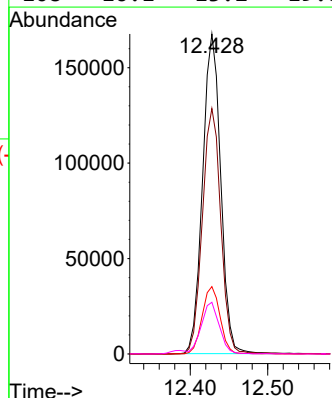
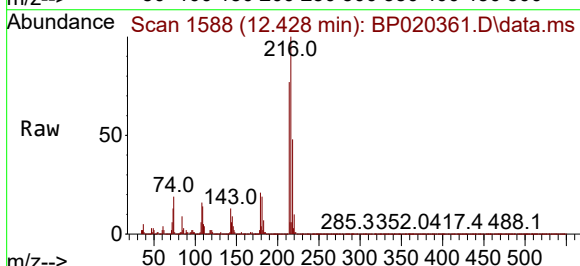
Ion Ratio Lower Upper

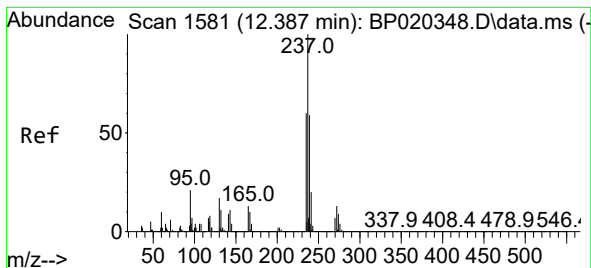
216 100

214 76.7 61.3 91.9

179 21.0 16.9 25.3

108 16.1 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 23.626 ng/ul

RT: 12.387 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

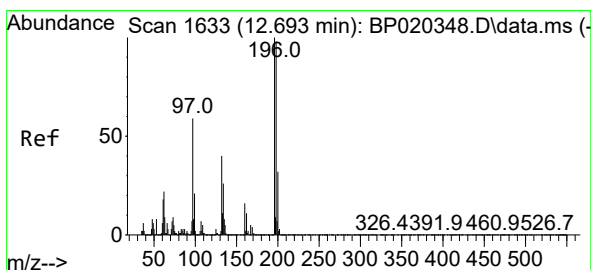
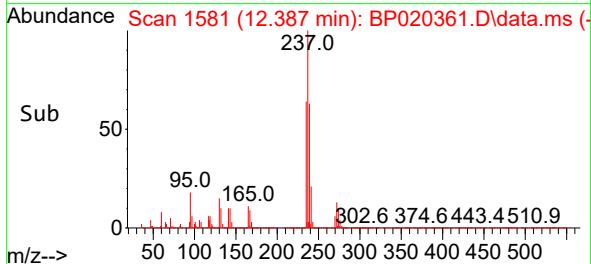
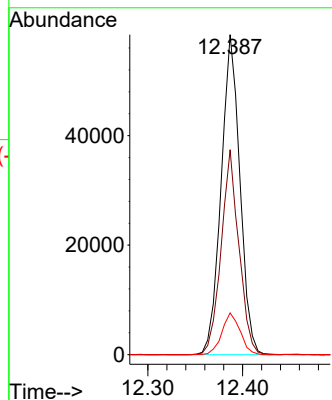
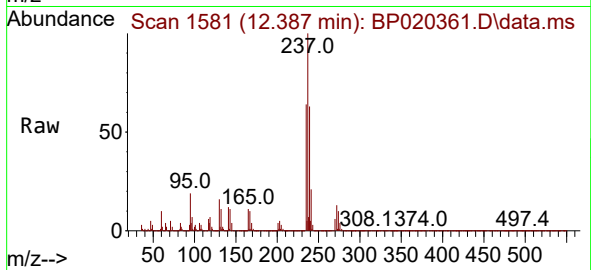
Tgt Ion:237 Resp: 80571

Ion Ratio Lower Upper

237 100

235 64.0 52.4 78.6

272 13.0 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 44.356 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

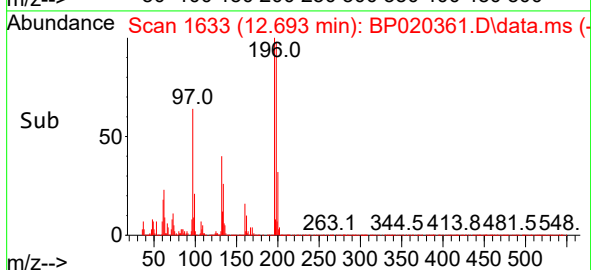
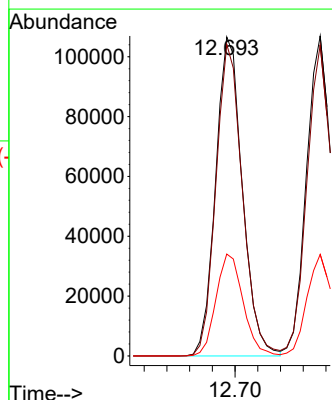
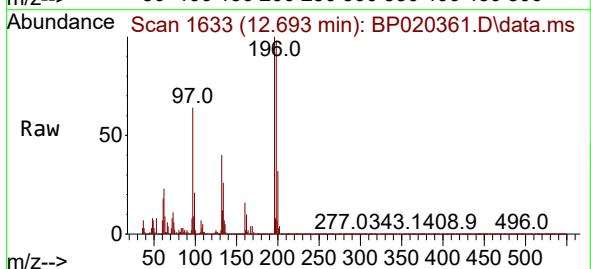
Tgt Ion:196 Resp: 174420

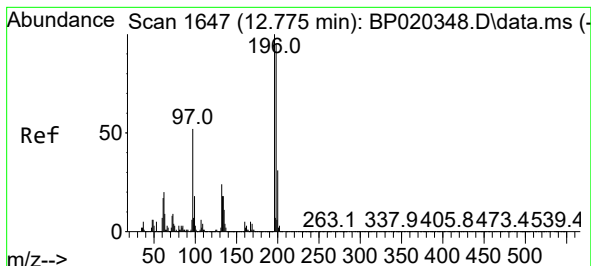
Ion Ratio Lower Upper

196 100

198 97.7 75.8 113.8

200 32.0 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 45.294 ng/ul

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

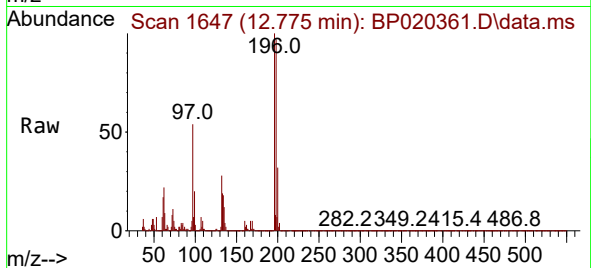
Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :



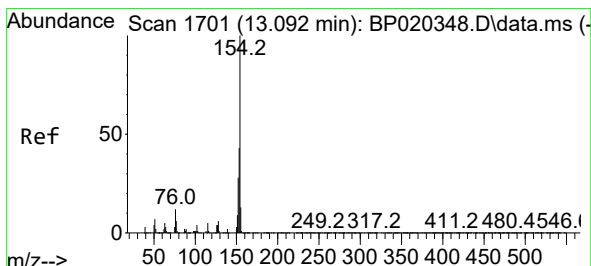
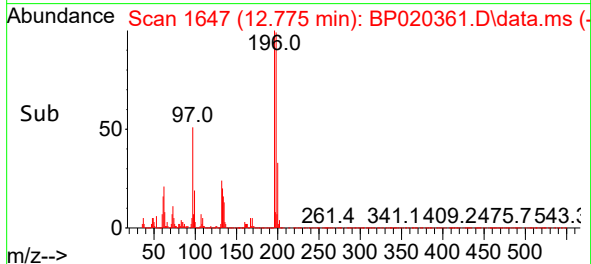
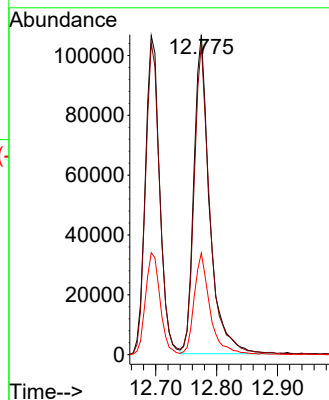
Tgt Ion:196 Resp: 191655

Ion Ratio Lower Upper

196 100

198 97.2 73.5 110.3

200 31.8 24.4 36.6



#43

1,1'-Biphenyl

Concen: 40.791 ng/ul

RT: 13.093 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

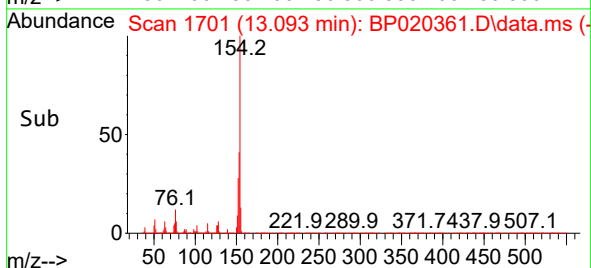
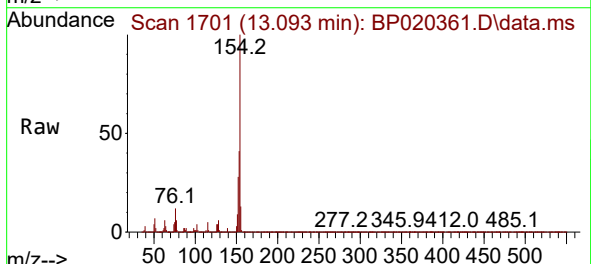
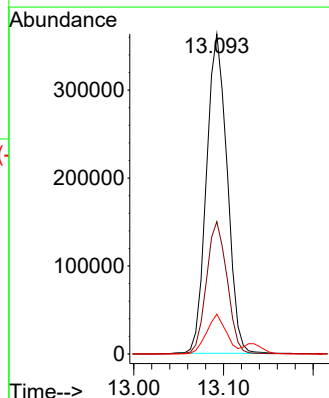
Tgt Ion:154 Resp: 580062

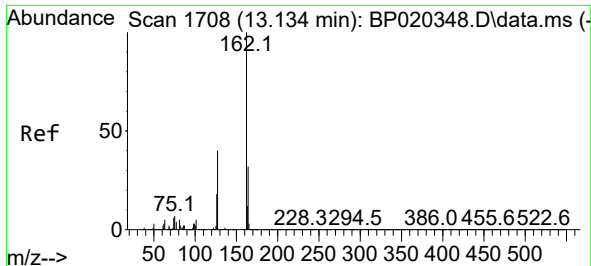
Ion Ratio Lower Upper

154 100

153 41.3 33.1 49.7

76 12.5 9.7 14.5

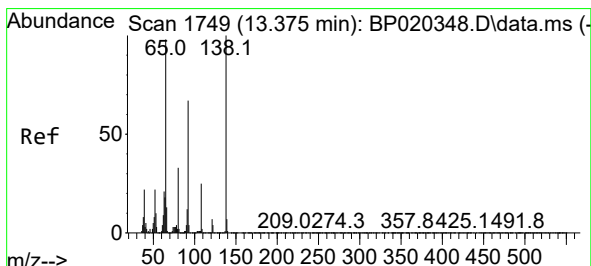
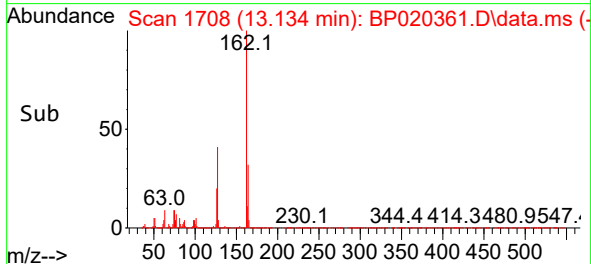
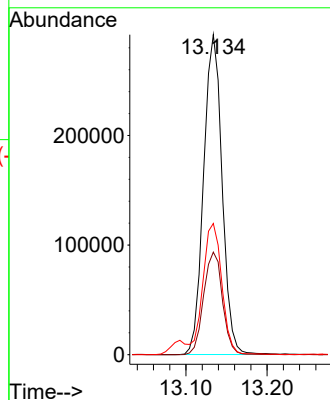
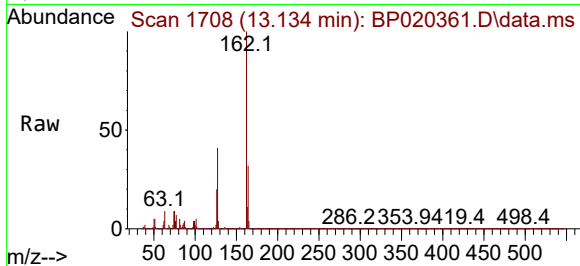




#44
2-Chloronaphthalene
Concen: 40.863 ng/ul
RT: 13.134 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

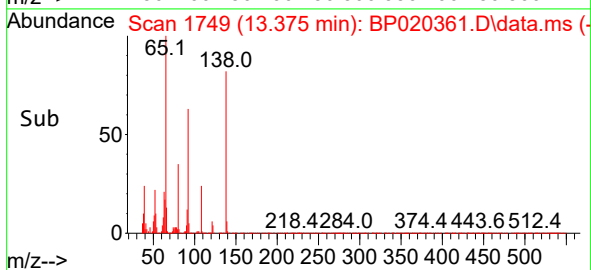
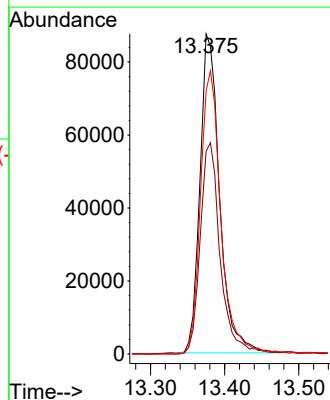
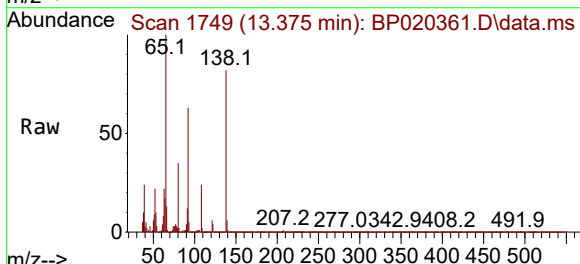
Instrument :
BNA_P
ClientSampleId :

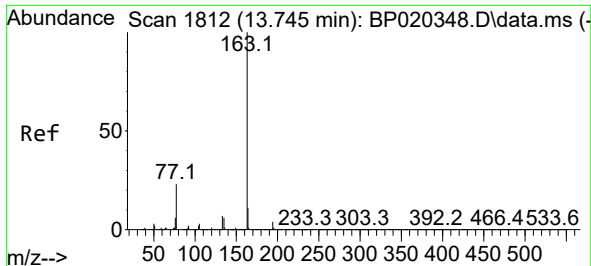
Tgt Ion:162 Resp: 461100
Ion Ratio Lower Upper
162 100
164 32.1 26.1 39.1
127 41.0 33.6 50.4



#45
2-Nitroaniline
Concen: 42.842 ng/ul
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion: 65 Resp: 160356
Ion Ratio Lower Upper
65 100
92 63.3 55.6 83.4
138 82.2 73.1 109.7

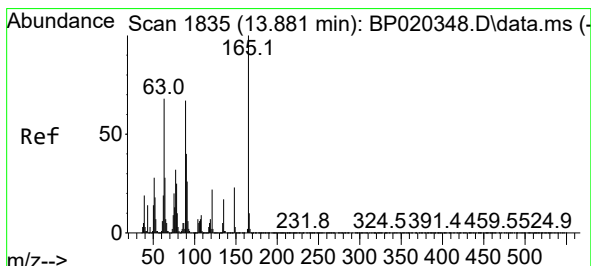
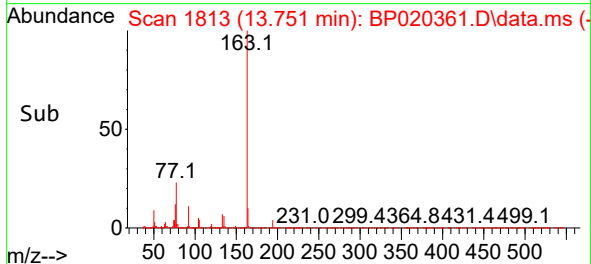
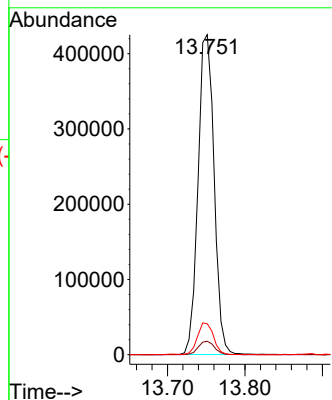
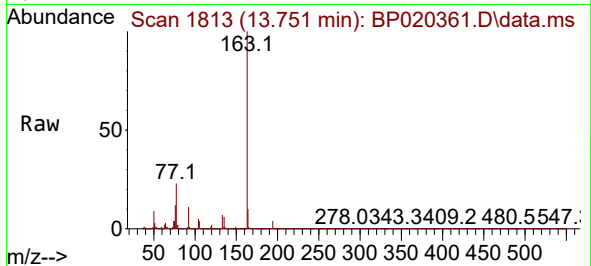




#47
Dimethylphthalate
Concen: 41.142 ng/ul
RT: 13.751 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

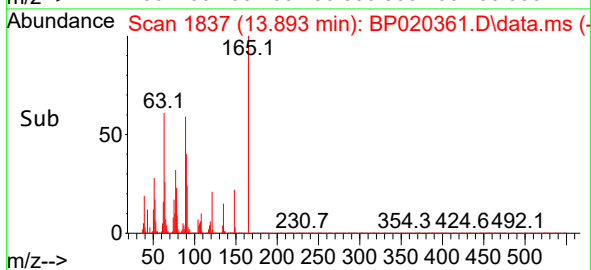
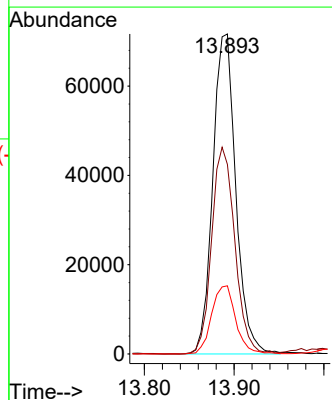
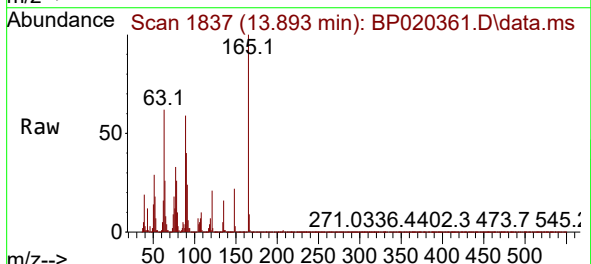
Instrument :
BNA_P
ClientSampleId :

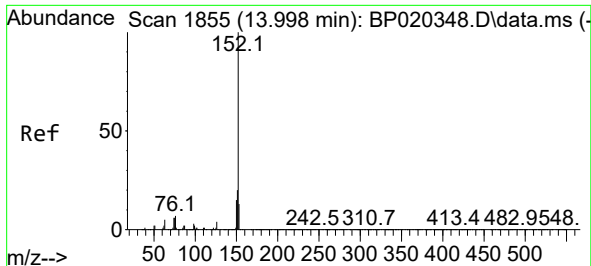
Tgt Ion:163 Resp: 610153
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.7 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 43.239 ng/ul
RT: 13.893 min Scan# 1837
Delta R.T. 0.012 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:165 Resp: 127479
Ion Ratio Lower Upper
165 100
89 59.2 51.0 76.6
121 21.3 18.5 27.7

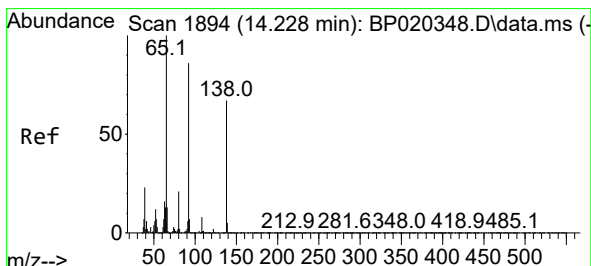
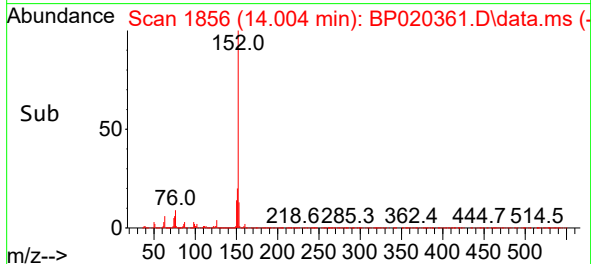
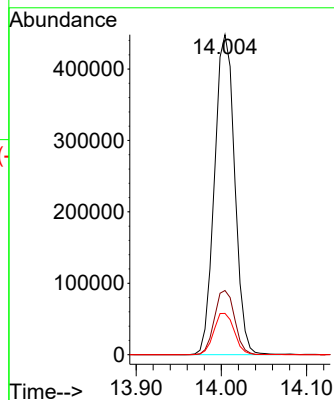
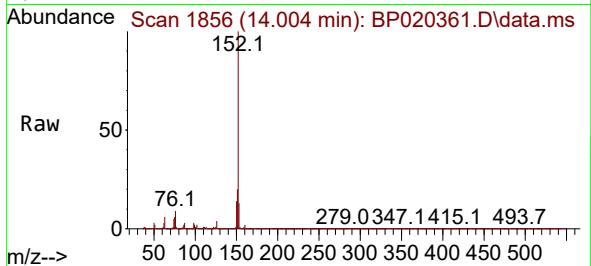




#50
Acenaphthylene
Concen: 40.406 ng/ul
RT: 14.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

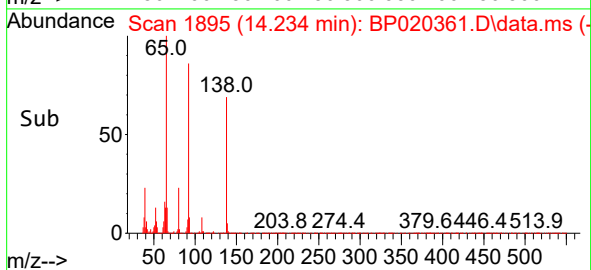
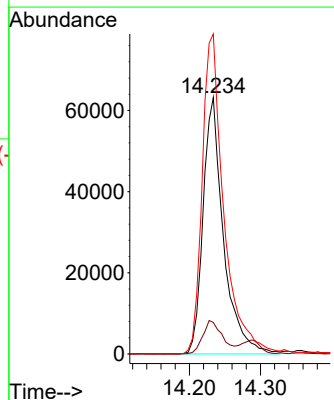
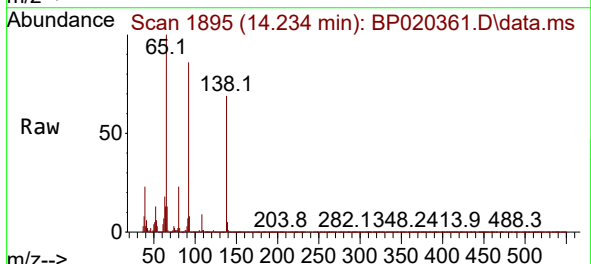
Instrument :
BNA_P
ClientSampleId :

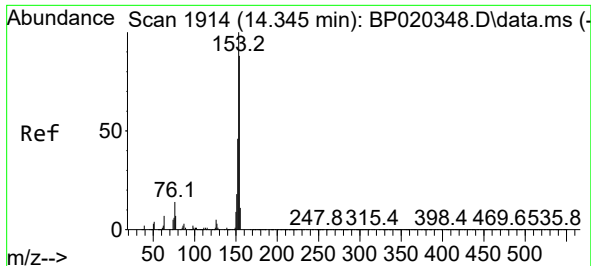
Tgt Ion:152 Resp: 737120
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 12.9 10.3 15.5



#51
3-Nitroaniline
Concen: 46.002 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

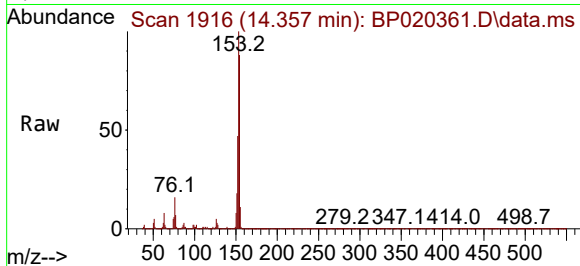
Tgt Ion:138 Resp: 126496
Ion Ratio Lower Upper
138 100
108 12.3 10.8 16.2
92 124.8 103.3 154.9



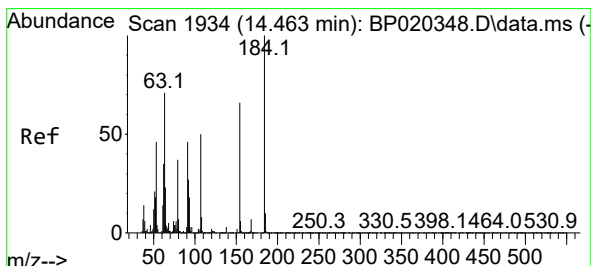
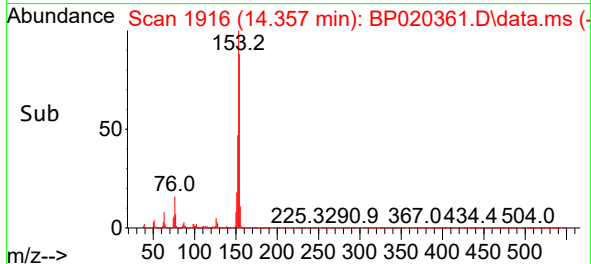
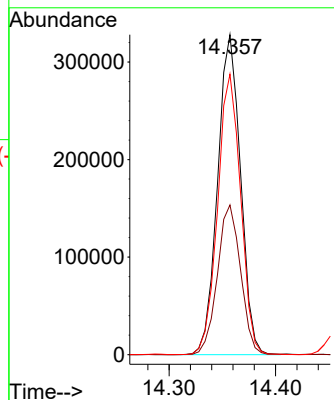


#52
Acenaphthene
Concen: 40.008 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Instrument :
BNA_P
ClientSampleId :

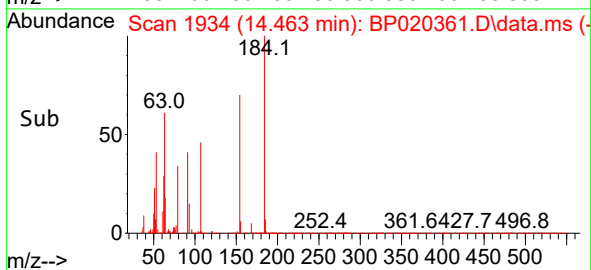
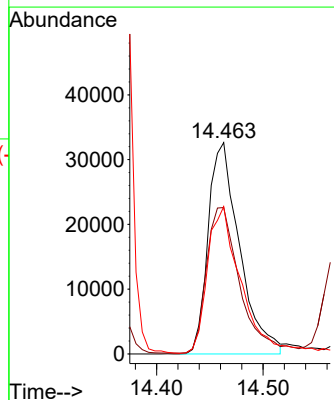
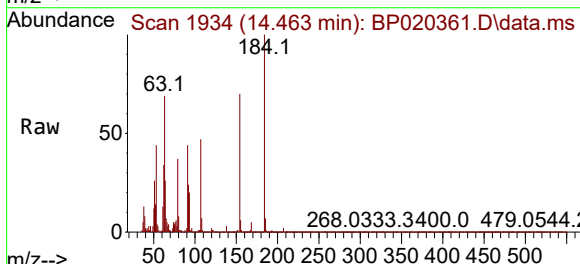


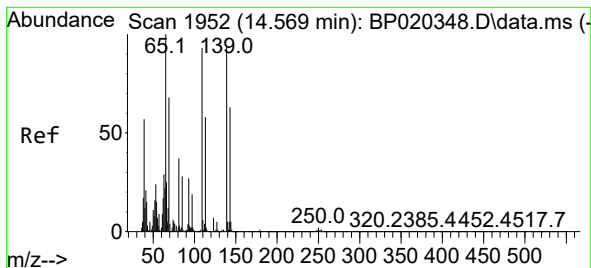
Tgt Ion:153 Resp: 490474
Ion Ratio Lower Upper
153 100
152 46.8 37.4 56.2
154 87.6 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 36.918 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

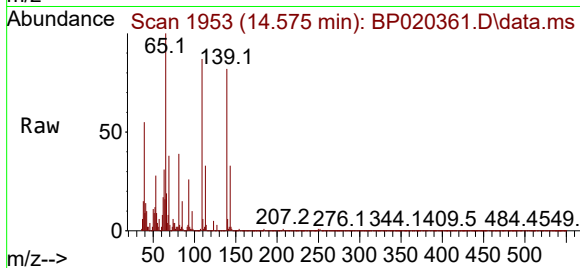
Tgt Ion:184 Resp: 66809
Ion Ratio Lower Upper
184 100
63 69.3 65.6 98.4
154 69.7 53.8 80.8



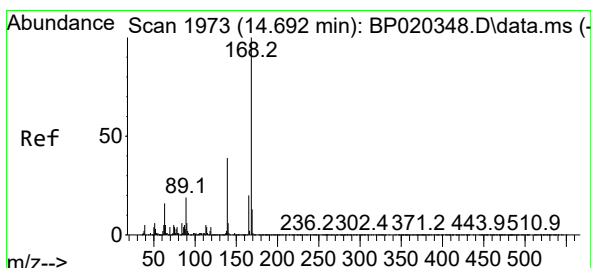
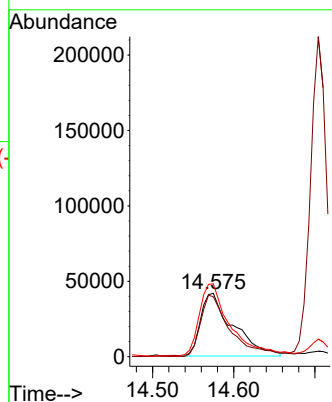
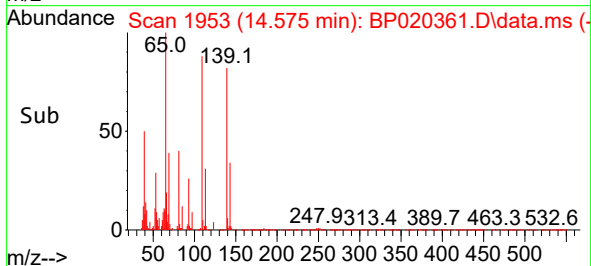


#55
4-Nitrophenol
Concen: 48.916 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Instrument :
BNA_P
ClientSampleId :

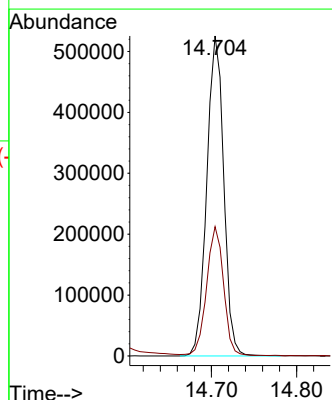
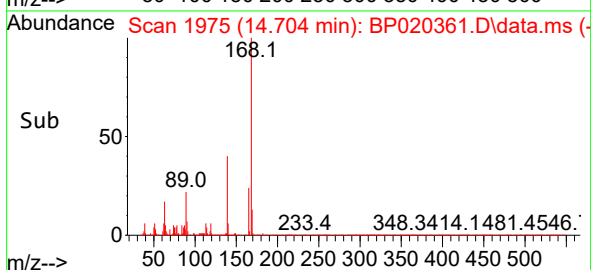
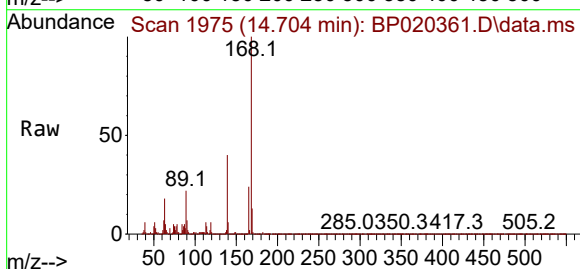


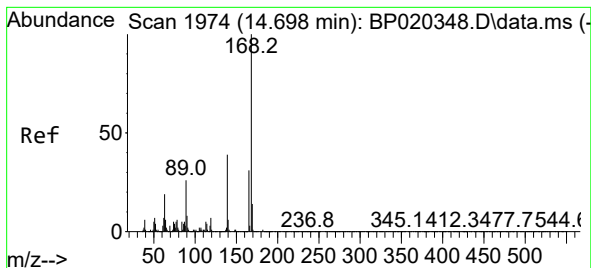
Tgt Ion:109 Resp: 114924
Ion Ratio Lower Upper
109 100
139 94.6 78.4 117.6
65 115.3 101.8 152.6



#56
Dibenzofuran
Concen: 43.111 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.012 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:168 Resp: 726880
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1

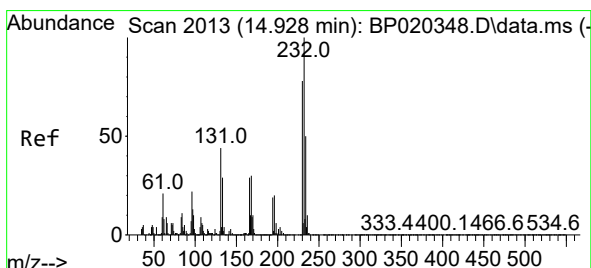
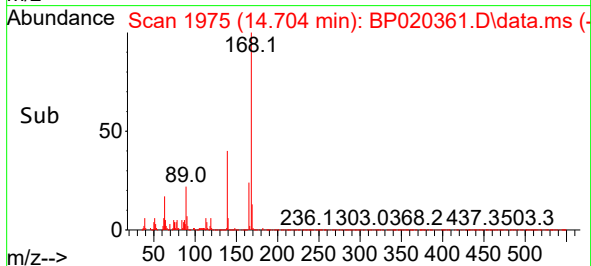
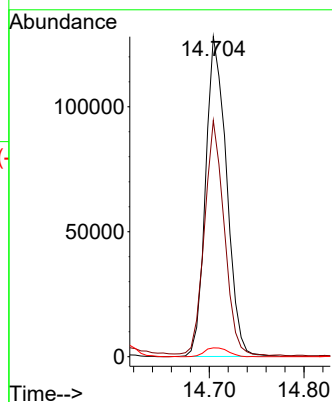
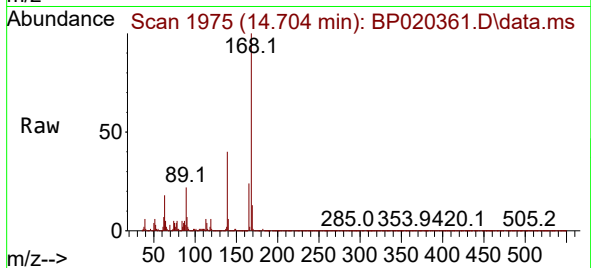




#57
2,4-Dinitrotoluene
Concen: 46.393 ng/ul
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

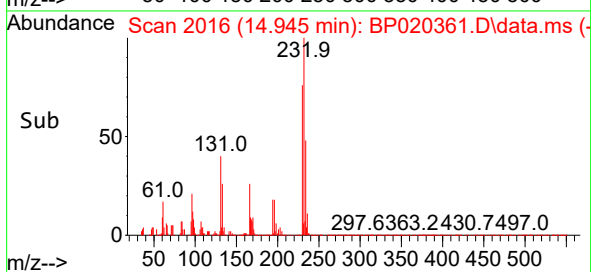
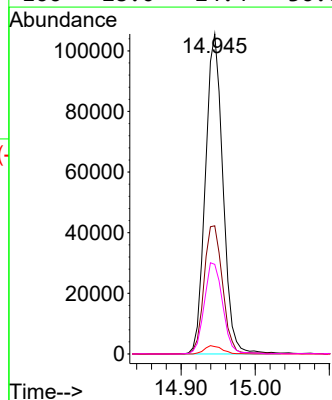
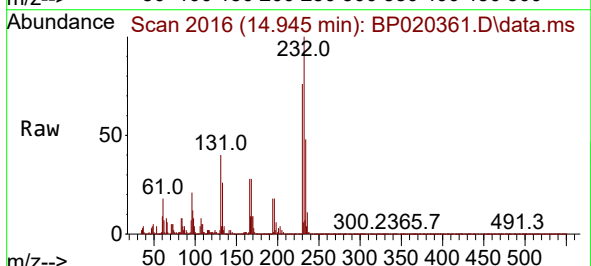
Instrument :
BNA_P
ClientSampleId :

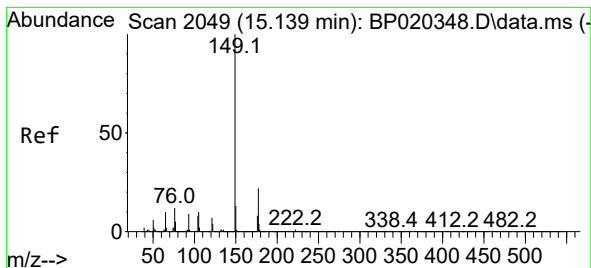
Tgt Ion:165 Resp: 196649
Ion Ratio Lower Upper
165 100
63 73.8 59.7 89.5
182 2.7 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.739 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. 0.018 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:232 Resp: 173795
Ion Ratio Lower Upper
232 100
131 40.0 36.7 55.1
130 2.3 1.9 2.9
166 28.0 24.4 36.6





#59

Diethylphthalate

Concen: 41.271 ng/ul

RT: 15.157 min Scan# 2052

Delta R.T. 0.018 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

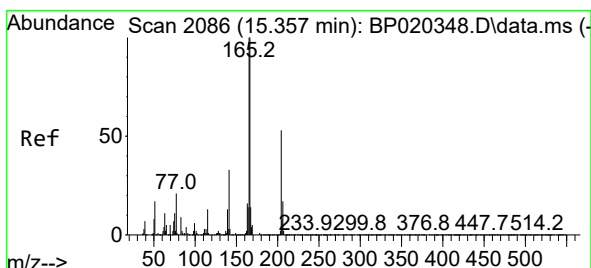
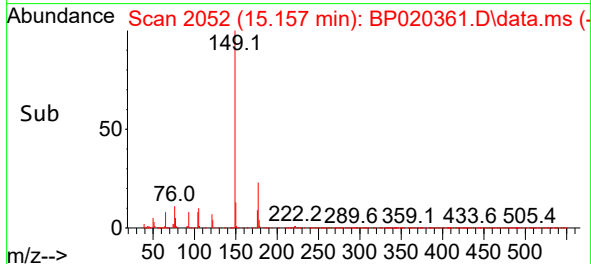
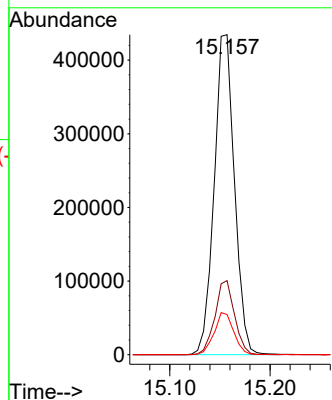
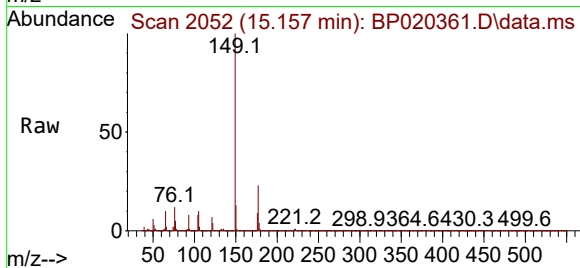
Tgt Ion:149 Resp: 610973

Ion Ratio Lower Upper

149 100

177 23.2 17.9 26.9

150 12.5 10.2 15.2



#61

Fluorene

Concen: 42.621 ng/ul

RT: 15.369 min Scan# 2088

Delta R.T. 0.012 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

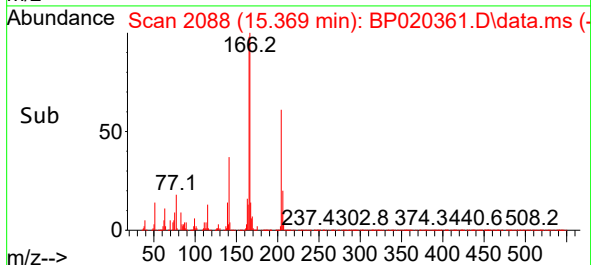
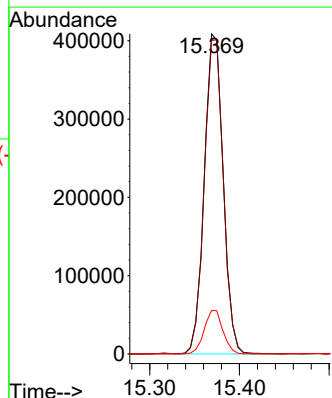
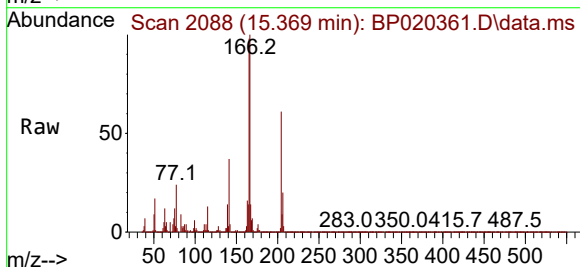
Tgt Ion:166 Resp: 597095

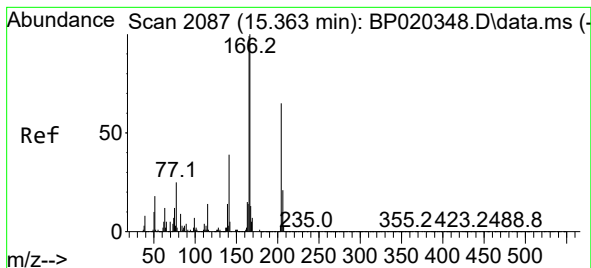
Ion Ratio Lower Upper

166 100

165 98.0 76.2 114.2

167 13.6 10.3 15.5

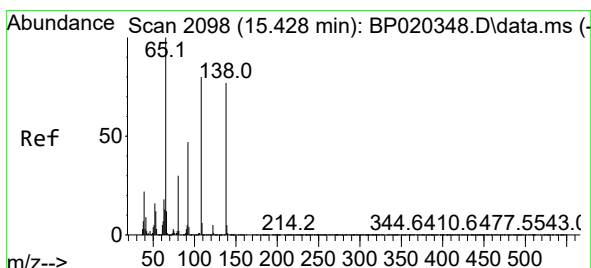
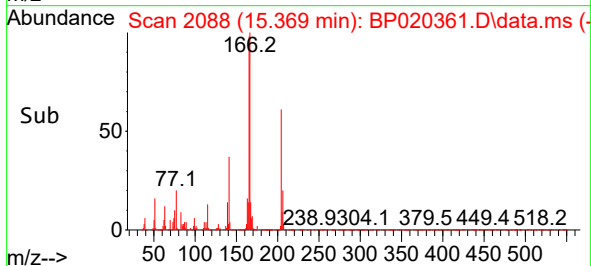
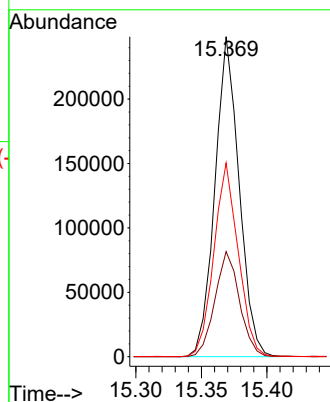
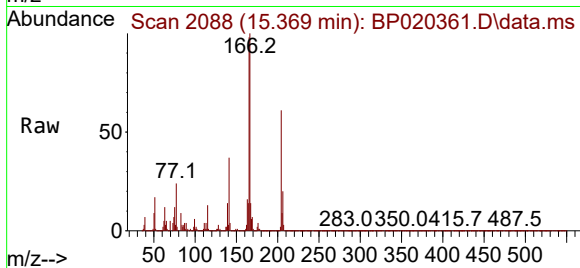




#62
4-Chlorophenyl-phenylether
Concen: 42.804 ng/ul
RT: 15.369 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

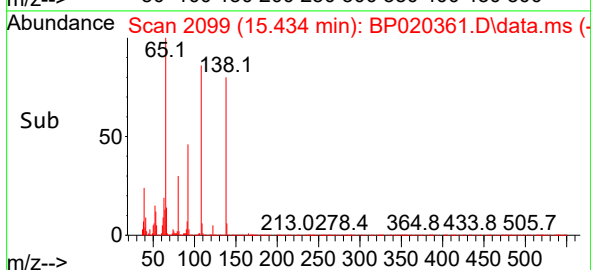
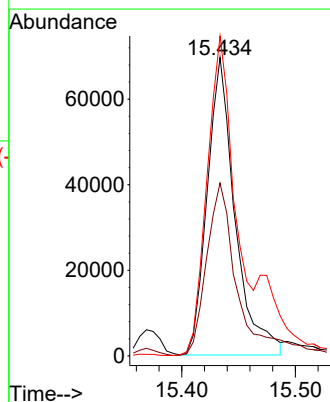
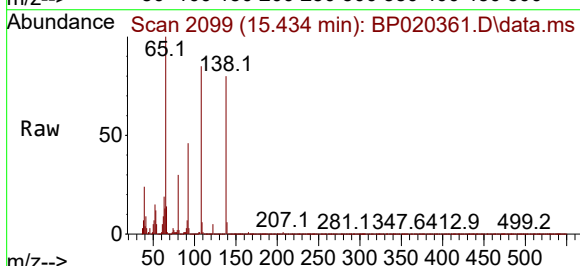
Instrument :
BNA_P
ClientSampleId :

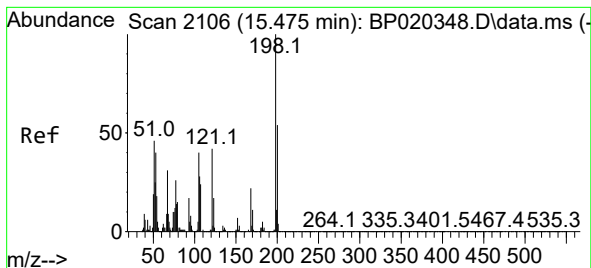
Tgt Ion:204 Resp: 318133
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.2
141 60.6 53.0 79.6



#63
4-Nitroaniline
Concen: 51.435 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:138 Resp: 117866
Ion Ratio Lower Upper
138 100
92 58.0 47.6 71.4
108 107.2 90.5 135.7

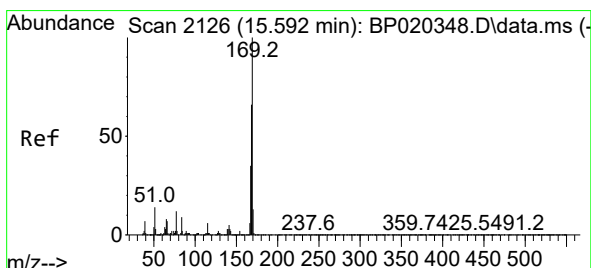
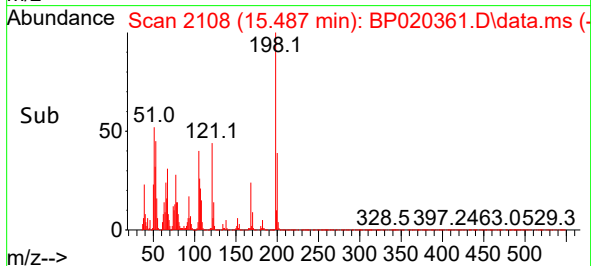
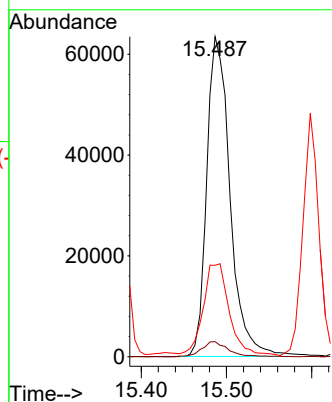
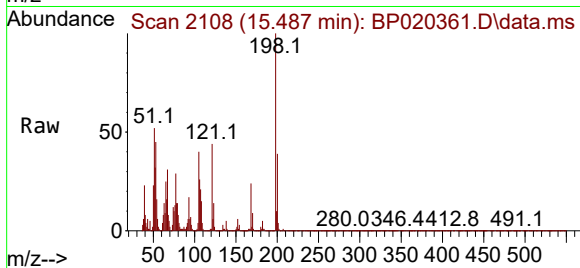




#66
4,6-Dinitro-2-methylphenol
Concen: 40.599 ng/ul
RT: 15.487 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

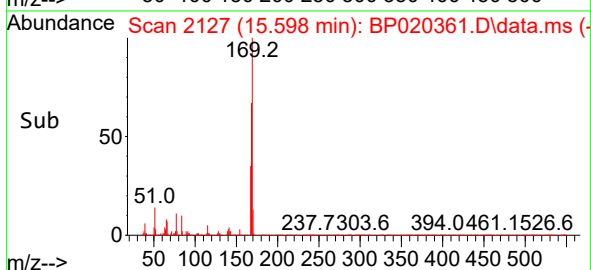
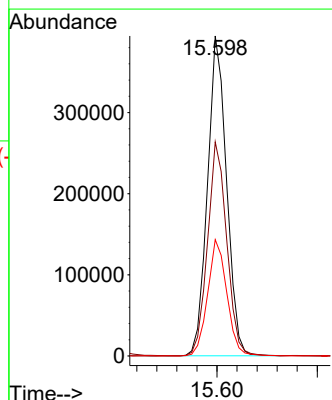
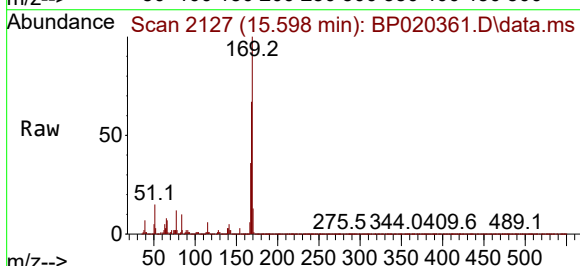
Instrument :
BNA_P
ClientSampleId :

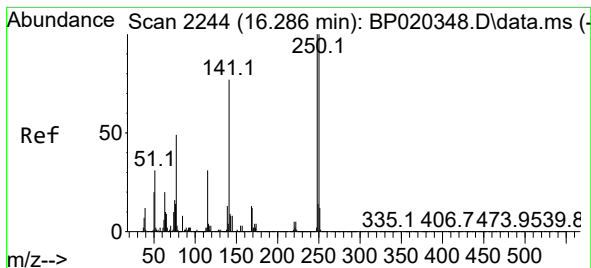
Tgt Ion:198 Resp: 120268
Ion Ratio Lower Upper
198 100
182 4.7 3.3 4.9
77 28.6 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 41.903 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:169 Resp: 522330
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.3 29.0 43.6

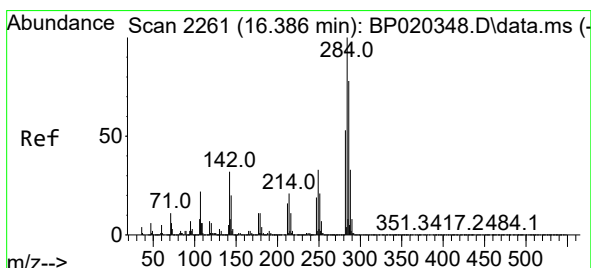
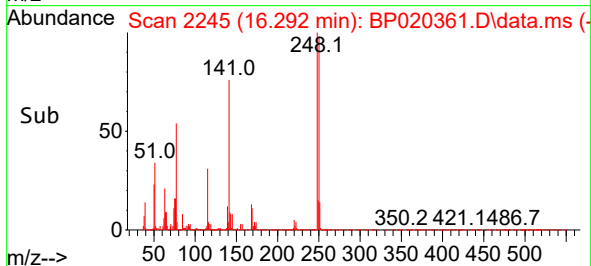
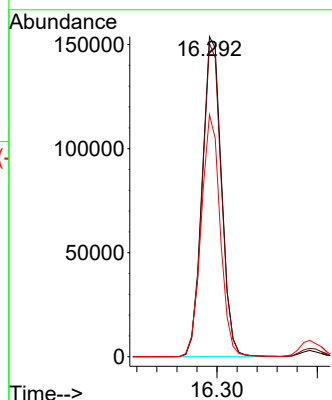
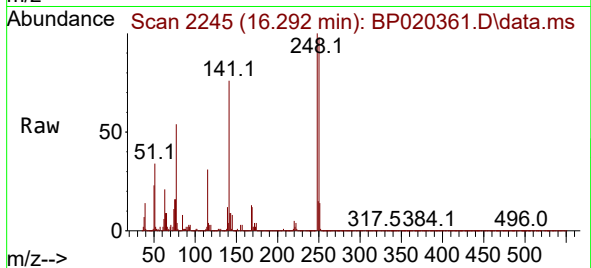




#68
4-Bromophenyl-phenylether
Concen: 42.385 ng/ul
RT: 16.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

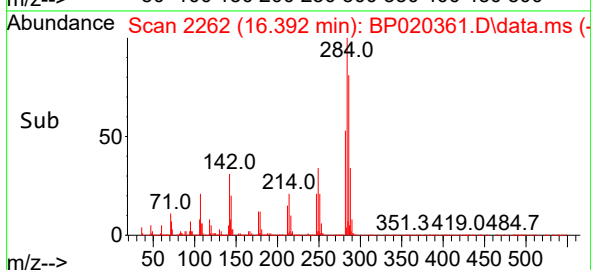
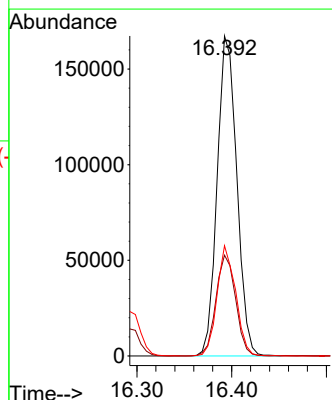
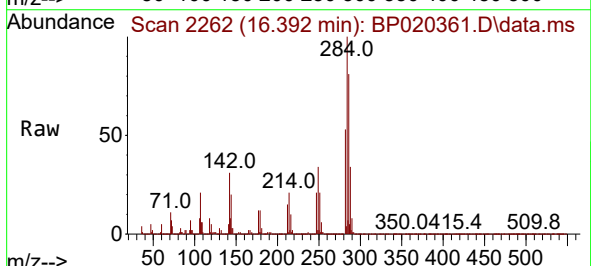
Instrument :
BNA_P
ClientSampleId :

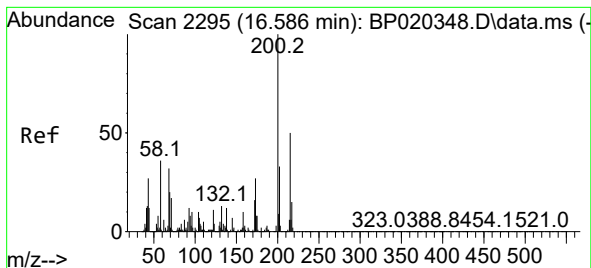
Tgt Ion:248 Resp: 205537
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.4
141 75.6 57.2 85.8



#69
Hexachlorobenzene
Concen: 43.008 ng/ul
RT: 16.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:284 Resp: 241557
Ion Ratio Lower Upper
284 100
142 31.5 27.8 41.8
249 34.5 25.4 38.0





#70

Atrazine

Concen: 45.520 ng/ul

RT: 16.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

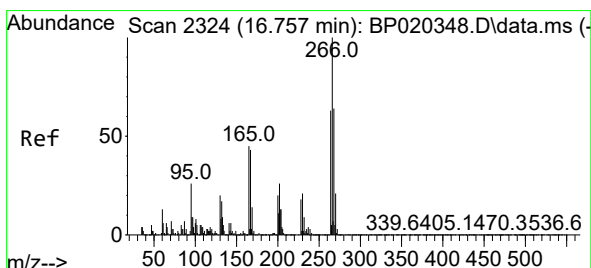
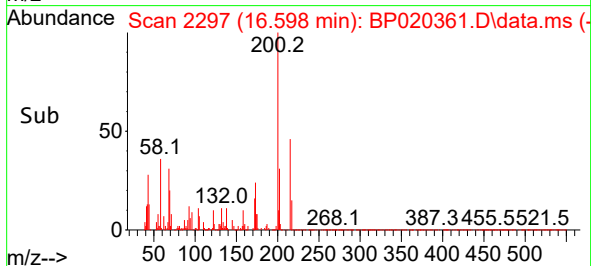
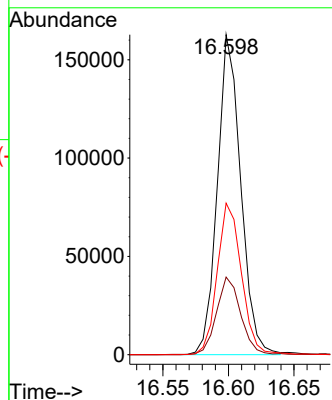
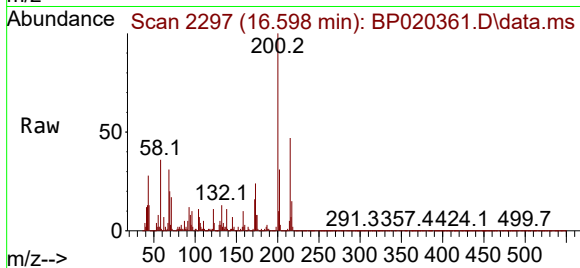
Tgt Ion:200 Resp: 201200

Ion Ratio Lower Upper

200 100

173 24.2 20.3 30.5

215 47.4 37.8 56.8



#71

Pentachlorophenol

Concen: 42.340 ng/ul

RT: 16.775 min Scan# 2327

Delta R.T. 0.018 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

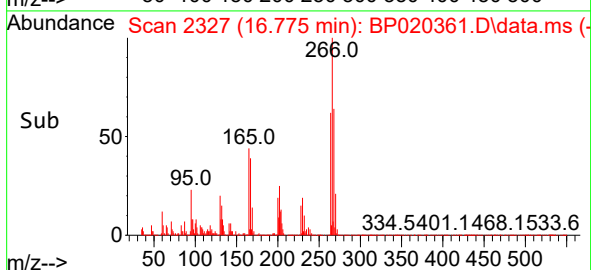
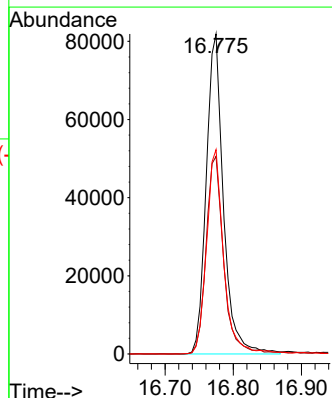
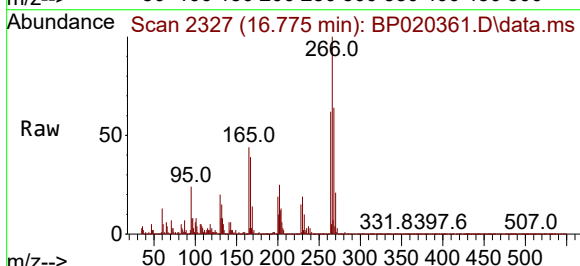
Tgt Ion:266 Resp: 143739

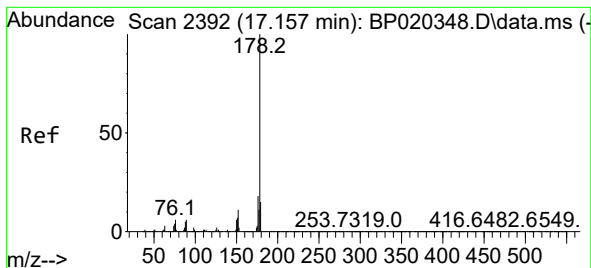
Ion Ratio Lower Upper

266 100

264 61.7 49.8 74.6

268 63.9 50.4 75.6





#72

Phenanthrene

Concen: 42.345 ng/ul

RT: 17.163 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

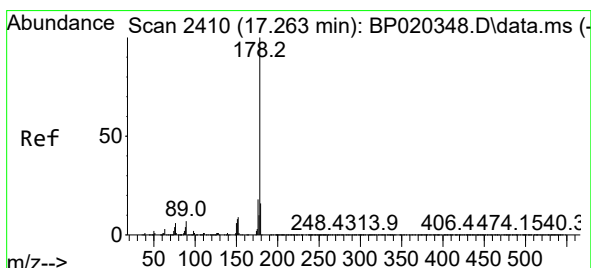
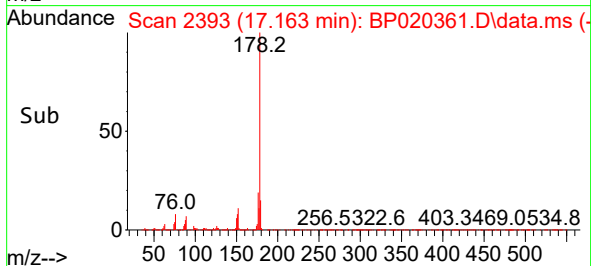
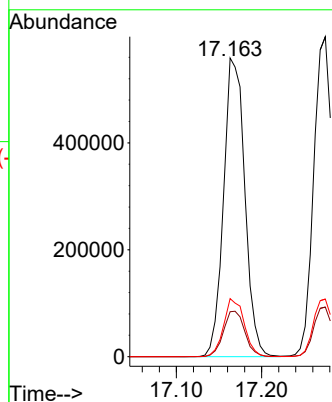
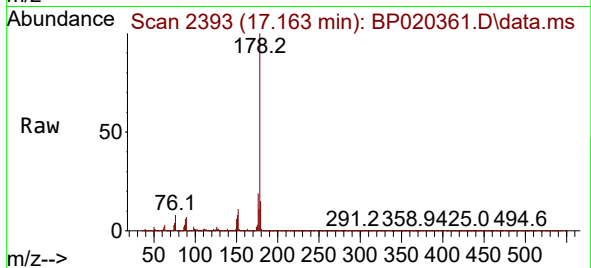
Tgt Ion:178 Resp: 967235

Ion Ratio Lower Upper

178 100

179 15.1 13.0 19.6

176 19.4 15.2 22.8



#74

Anthracene

Concen: 41.049 ng/ul

RT: 17.275 min Scan# 2412

Delta R.T. 0.012 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

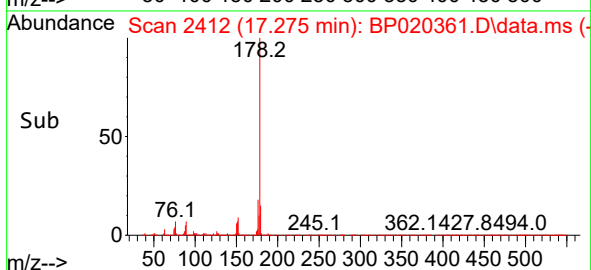
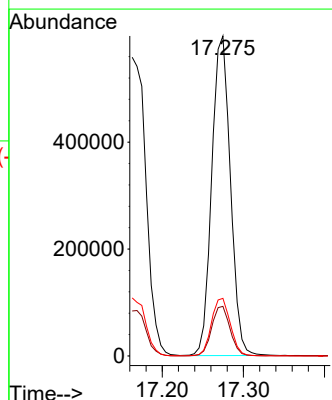
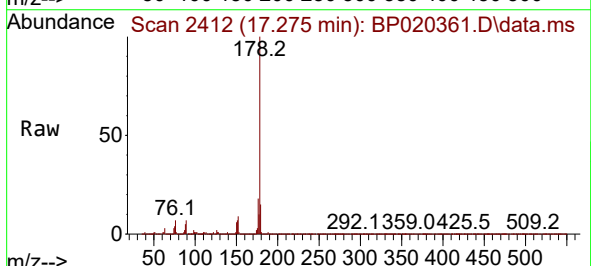
Tgt Ion:178 Resp: 953657

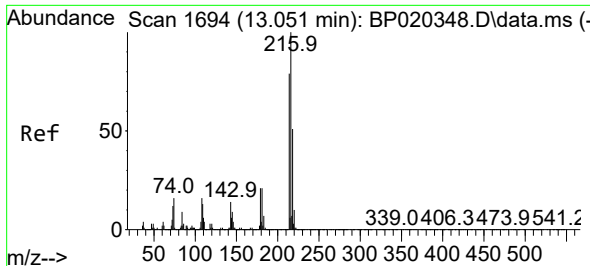
Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 18.0 14.8 22.2

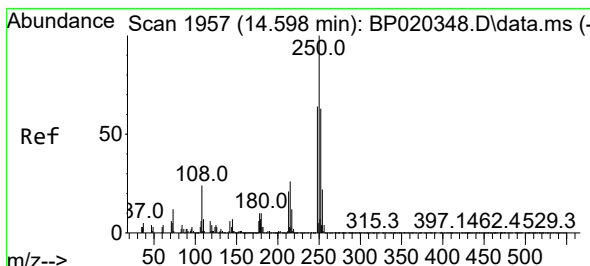
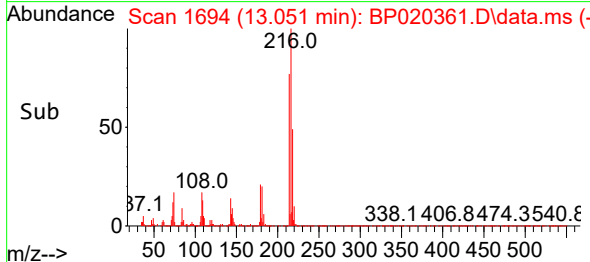
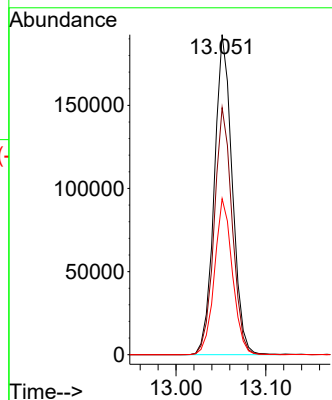
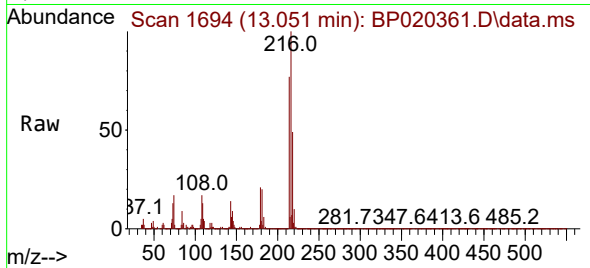




#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.211 ng/uL
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

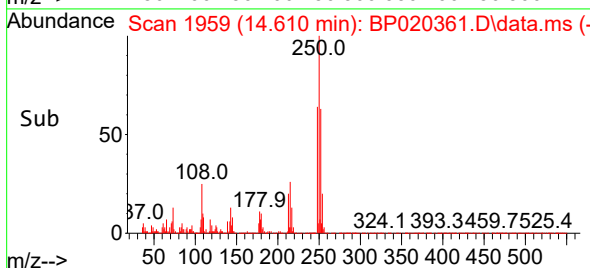
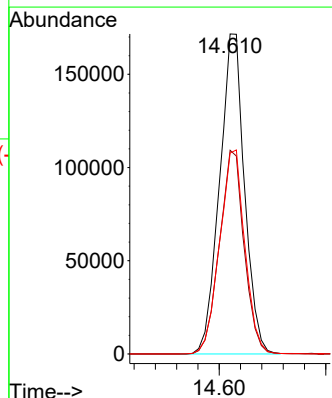
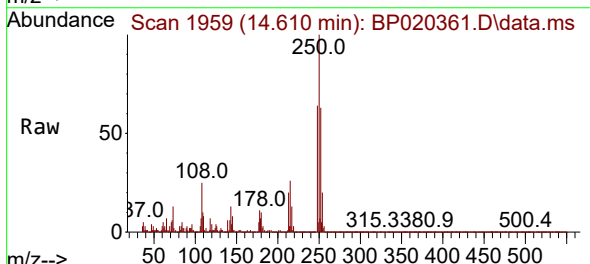
Instrument :
BNA_P
ClientSampleId :

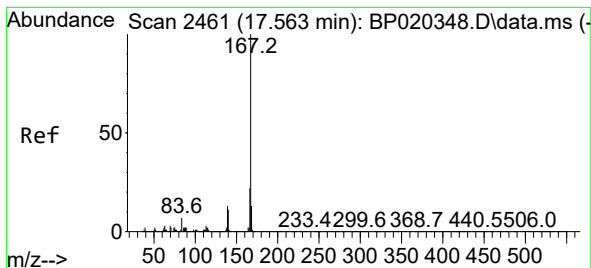
Tgt Ion:216 Resp: 267555
Ion Ratio Lower Upper
216 100
214 77.2 60.1 90.1
218 48.8 38.7 58.1



#76
Pentachlorobenzene
Concen: 41.892 ng/uL
RT: 14.610 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020361.D
Acq: 13 May 2024 20:03

Tgt Ion:250 Resp: 278937
Ion Ratio Lower Upper
250 100
248 63.6 51.0 76.6
252 62.8 52.1 78.1





#77

Carbazole

Concen: 44.538 ng/ul

RT: 17.563 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

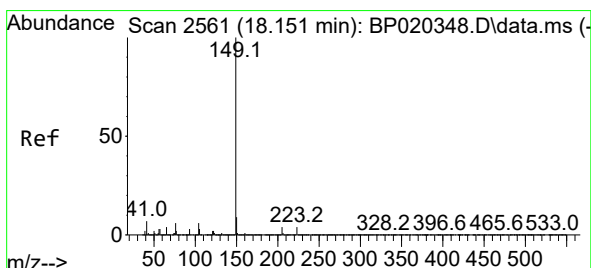
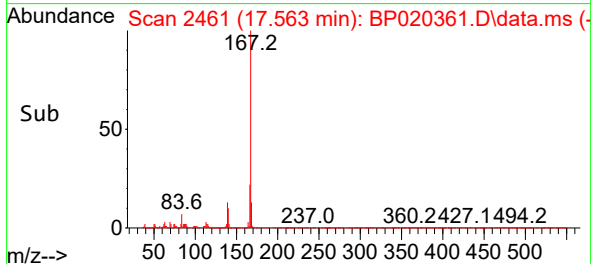
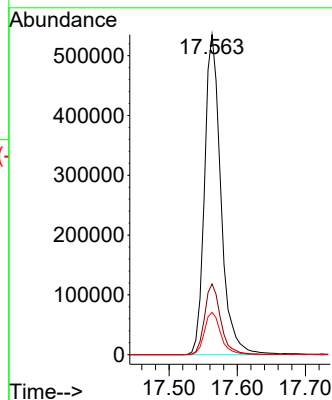
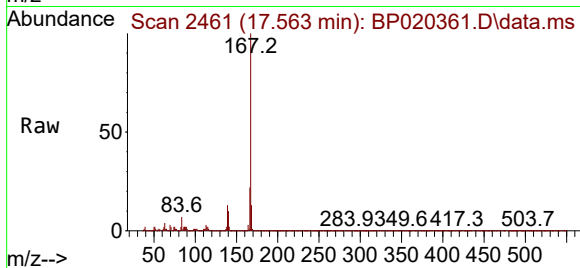
Tgt Ion:167 Resp: 891375

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 13.2 11.0 16.4



#78

Di-n-butylphthalate

Concen: 44.188 ng/ul

RT: 18.163 min Scan# 2563

Delta R.T. 0.012 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

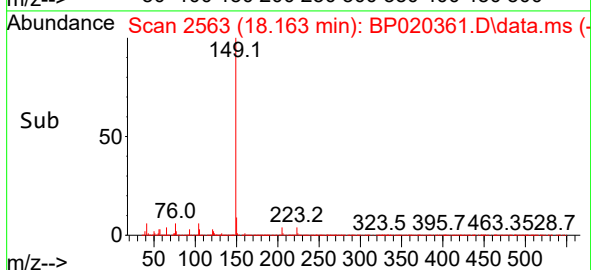
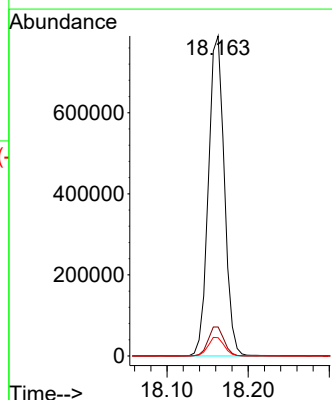
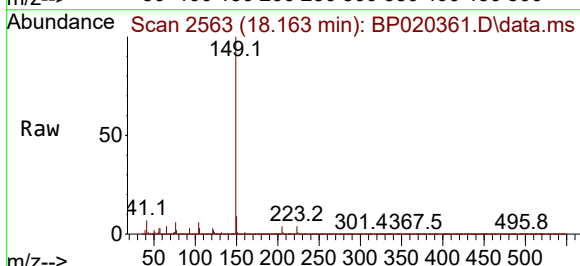
Tgt Ion:149 Resp: 1071974

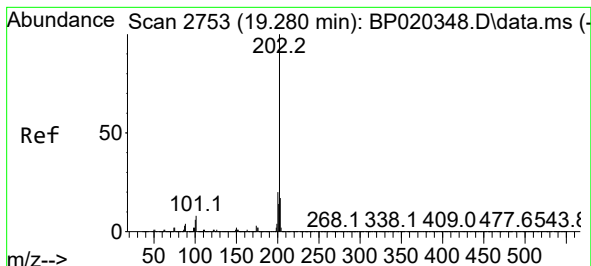
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.7 5.0 7.6





#80

Fluoranthene

Concen: 37.691 ng/ul

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

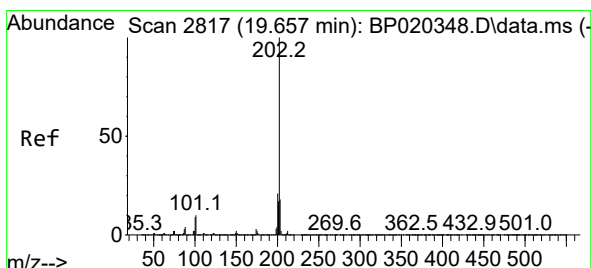
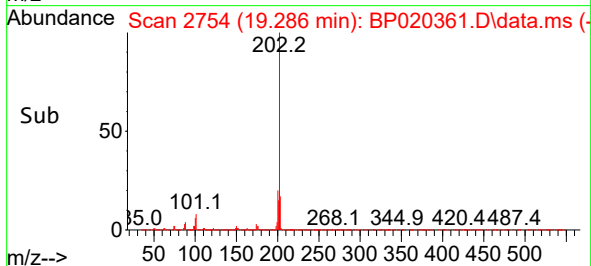
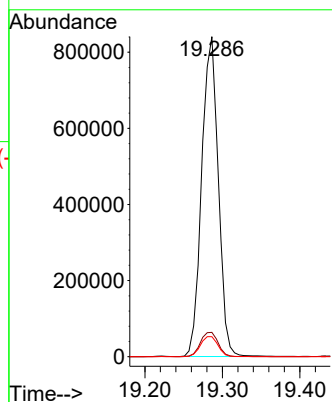
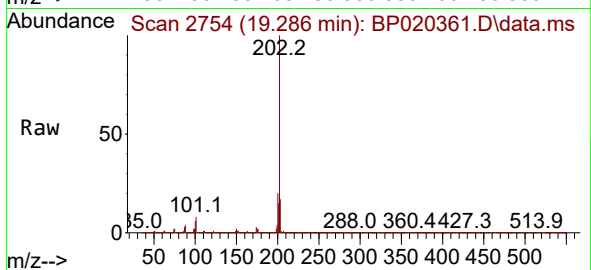
Tgt Ion:202 Resp: 1251810

Ion Ratio Lower Upper

202 100

101 7.6 7.0 10.4

100 6.2 5.5 8.3



#82

Pyrene

Concen: 38.118 ng/ul

RT: 19.663 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

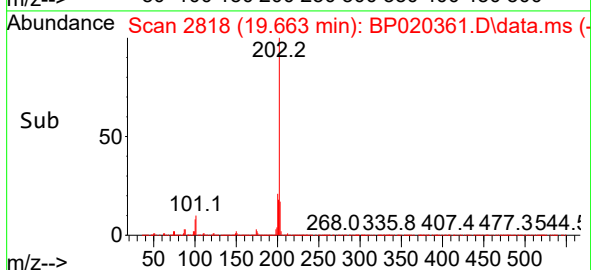
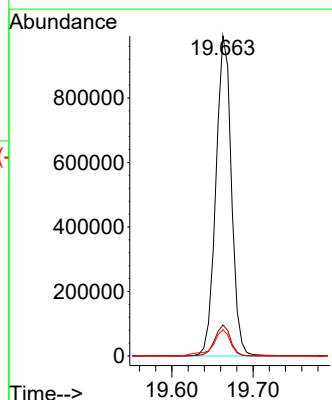
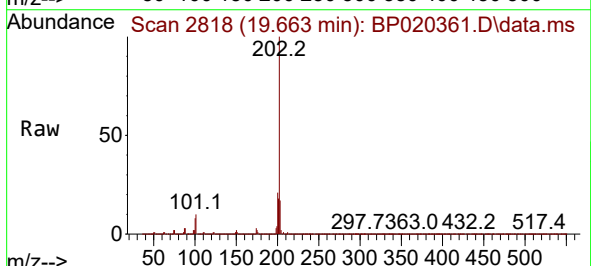
Tgt Ion:202 Resp: 1317240

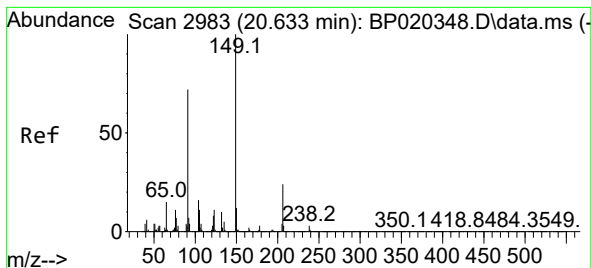
Ion Ratio Lower Upper

202 100

101 9.7 8.1 12.1

100 8.2 6.8 10.2





#83

Butylbenzylphthalate

Concen: 39.325 ng/ul

RT: 20.627 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

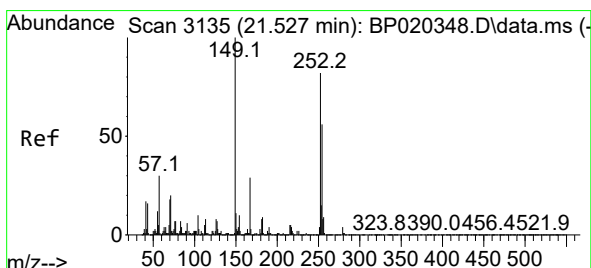
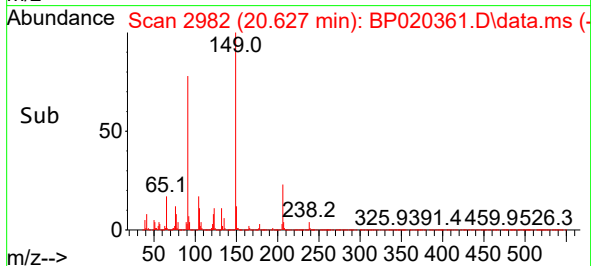
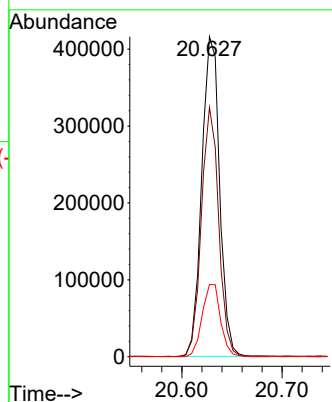
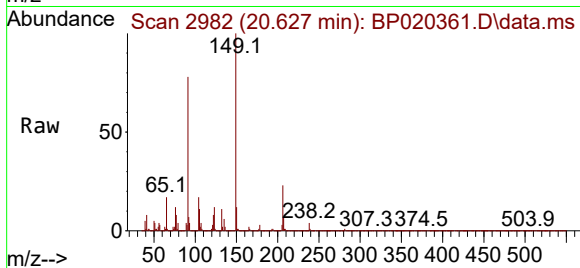
Tgt Ion:149 Resp: 515867

Ion Ratio Lower Upper

149 100

91 77.9 62.7 94.1

206 22.5 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 39.955 ng/ul

RT: 21.522 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

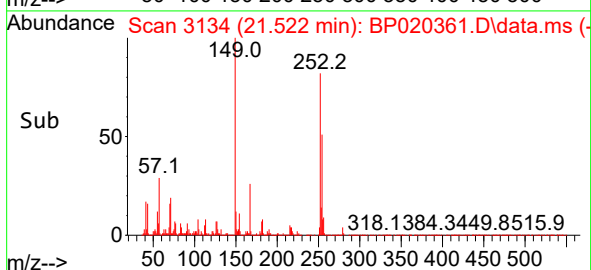
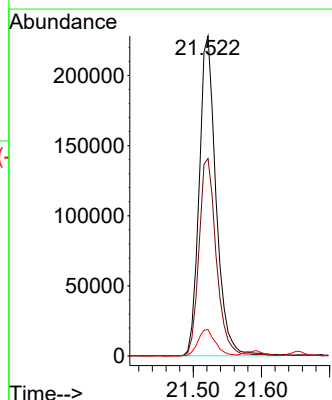
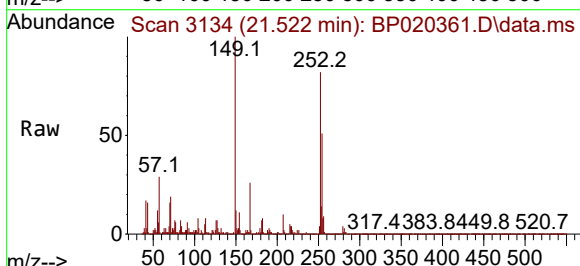
Tgt Ion:252 Resp: 392583

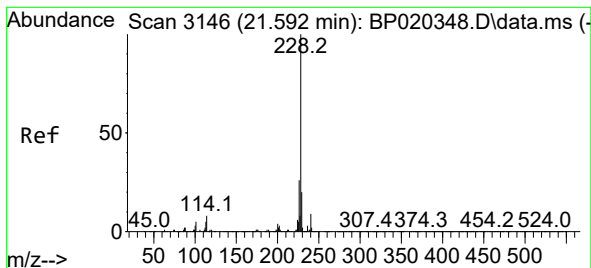
Ion Ratio Lower Upper

252 100

254 61.7 50.2 75.4

126 8.2 7.3 10.9





#85

Benzo(a)anthracene

Concen: 41.976 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

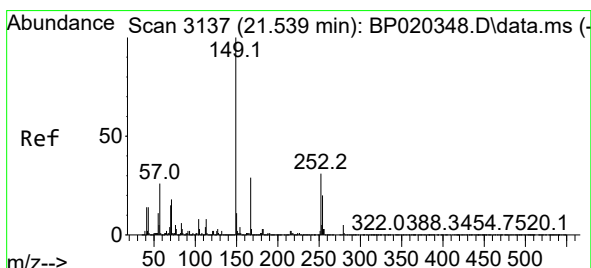
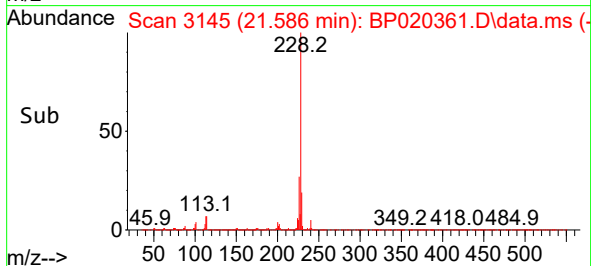
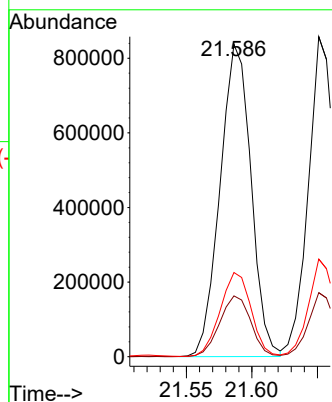
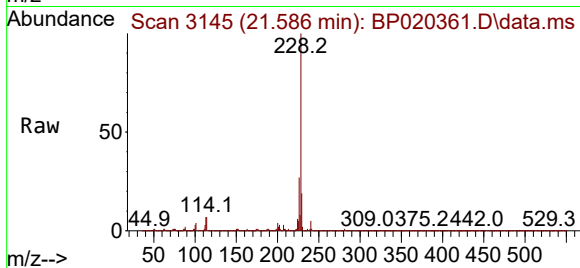
Tgt Ion:228 Resp: 1374543

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.8

226 26.9 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.868 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

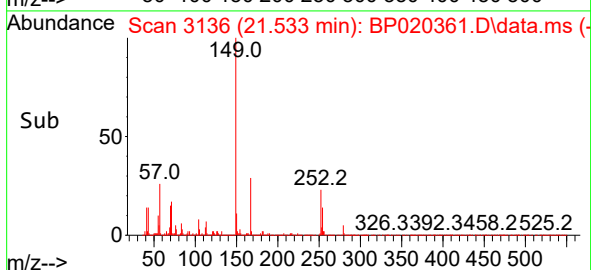
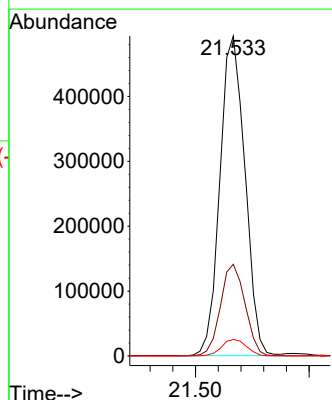
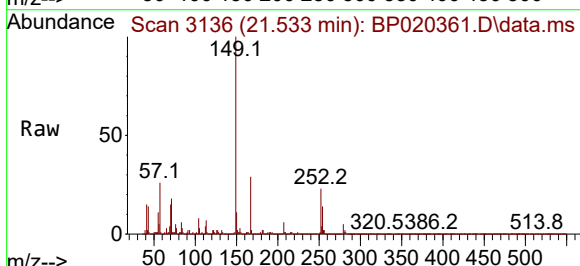
Tgt Ion:149 Resp: 754478

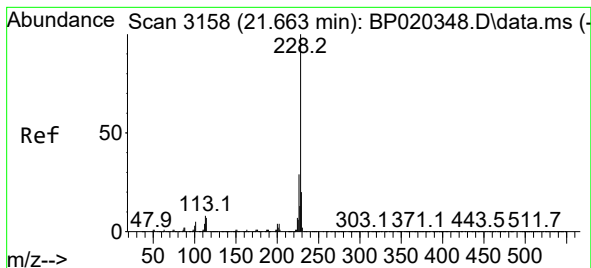
Ion Ratio Lower Upper

149 100

167 28.6 21.4 32.0

279 5.2 3.4 5.2





#87

Chrysene

Concen: 42.148 ng/ul

RT: 21.651 min Scan# 3158

Delta R.T. -0.012 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

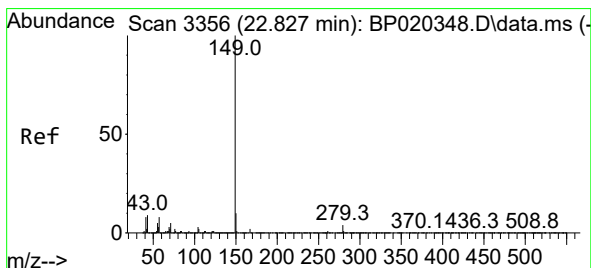
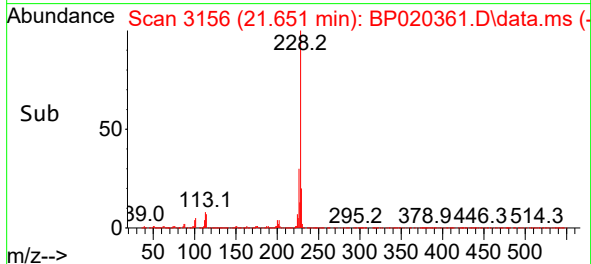
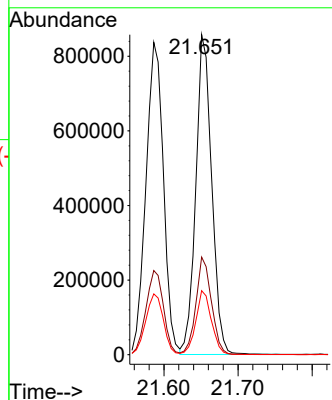
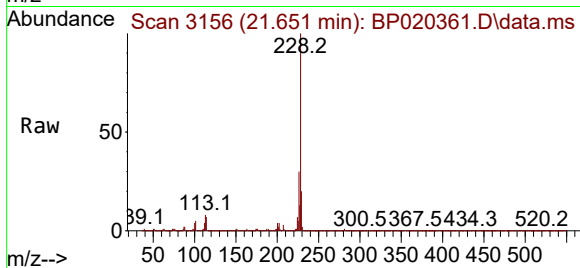
Tgt Ion:228 Resp: 1279188

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 20.0 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 38.437 ng/ul

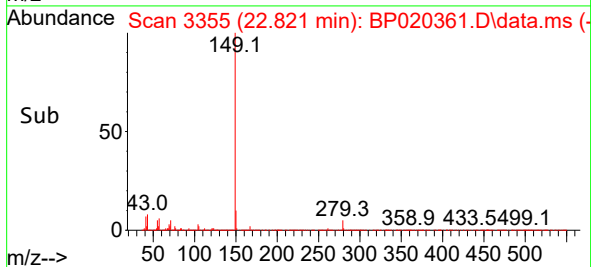
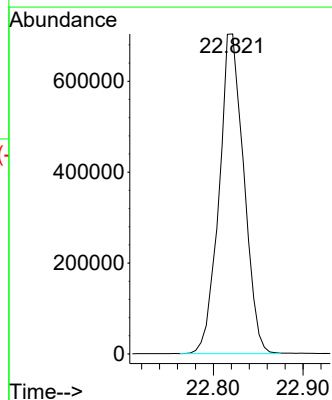
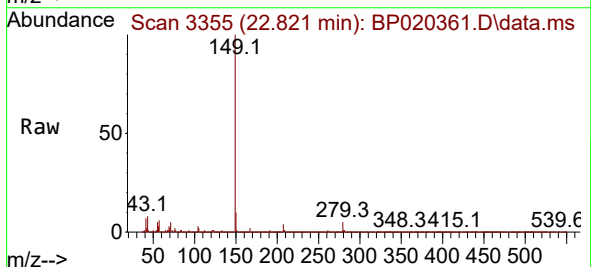
RT: 22.821 min Scan# 3355

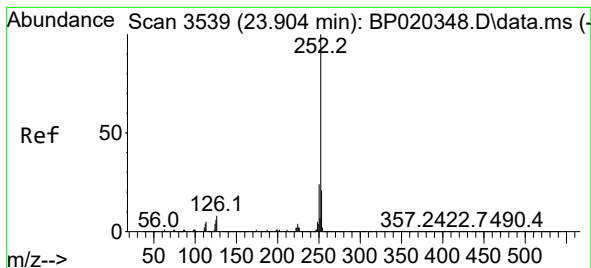
Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Tgt Ion:149 Resp: 1346051





#90

Benzo(b)fluoranthene

Concen: 42.570 ng/ul

RT: 23.886 min Scan# 3536

Delta R.T. -0.018 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

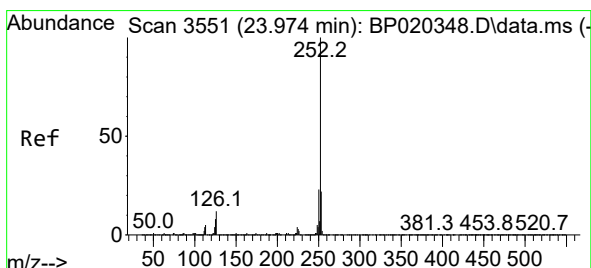
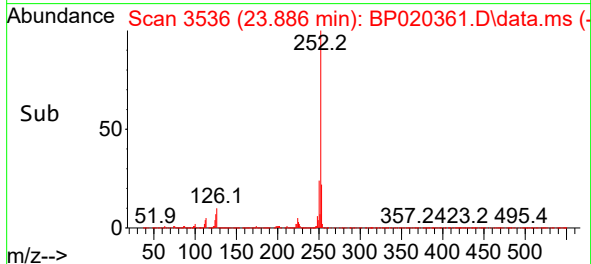
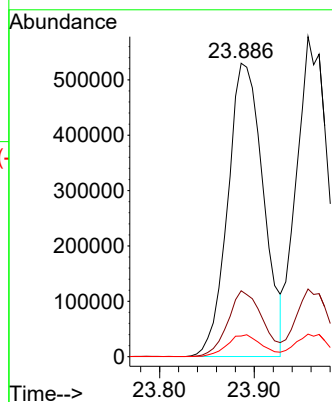
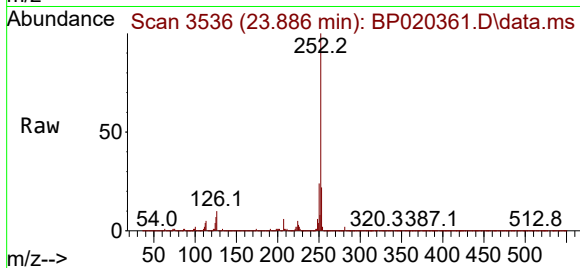
Tgt Ion:252 Resp: 1384721

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 7.0 6.2 9.2



#91

Benzo(k)fluoranthene

Concen: 40.749 ng/ul

RT: 23.957 min Scan# 3548

Delta R.T. -0.018 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

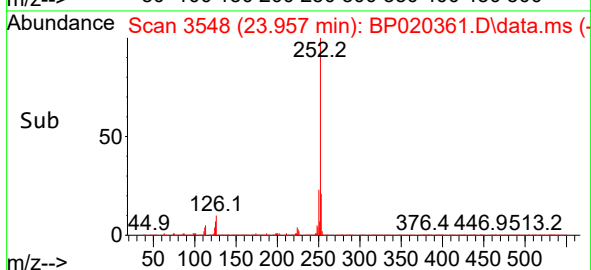
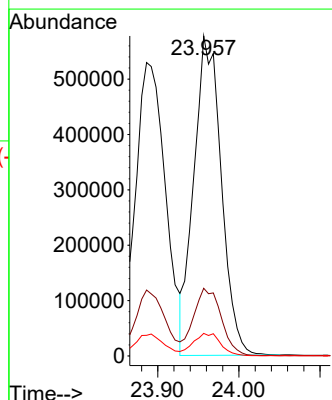
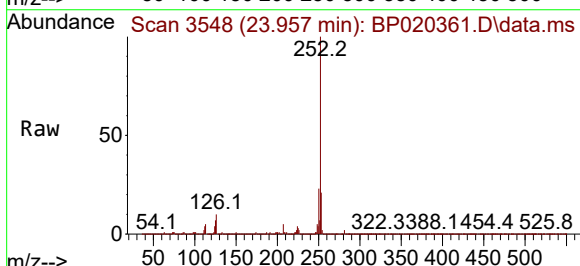
Tgt Ion:252 Resp: 1350798

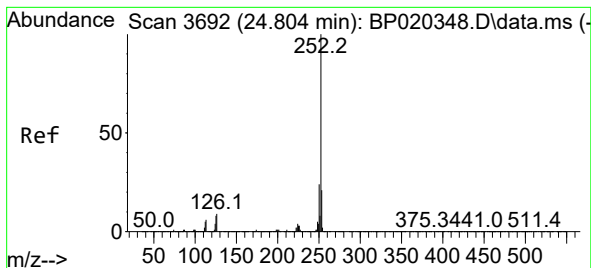
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 7.1 5.6 8.4





#93

Benzo(a)pyrene

Concen: 37.308 ng/ul

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

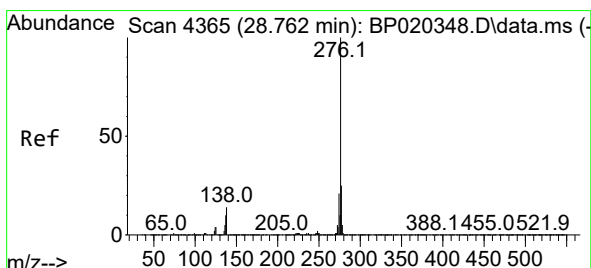
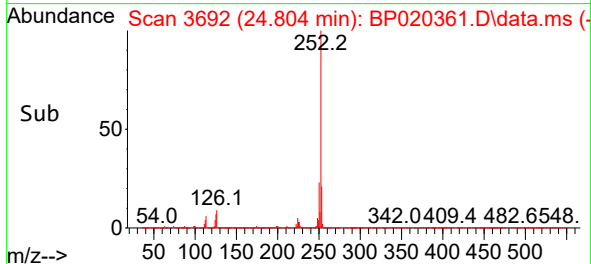
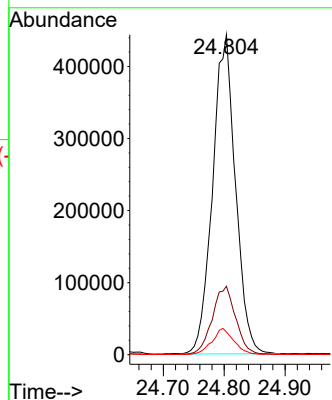
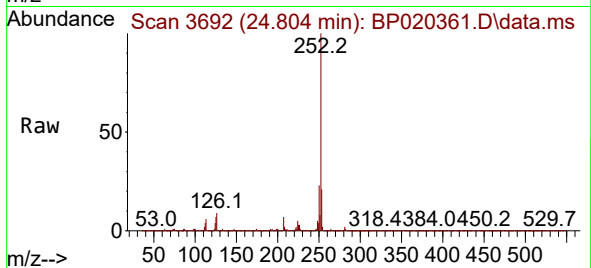
Tgt Ion:252 Resp: 1154712

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 7.1 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 43.455 ng/ul

RT: 28.768 min Scan# 4366

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

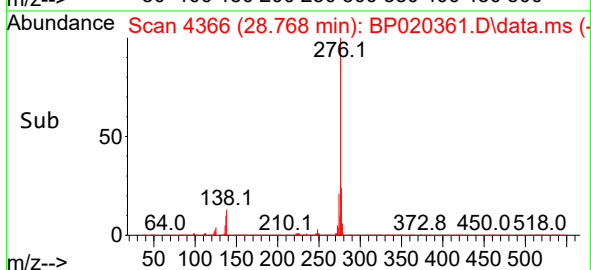
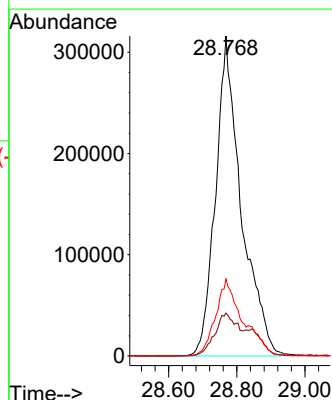
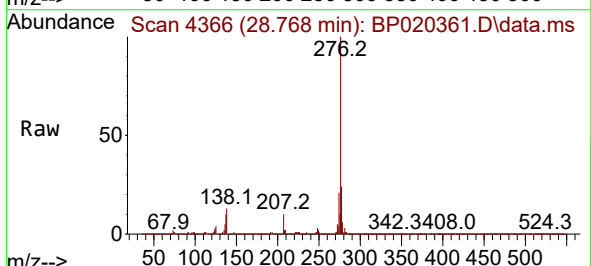
Tgt Ion:276 Resp: 1648737

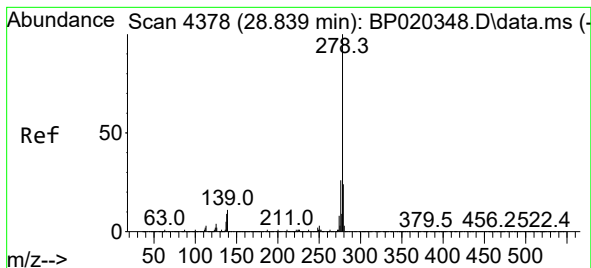
Ion Ratio Lower Upper

276 100

138 13.4 12.3 18.5

277 24.0 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 42.304 ng/ul

RT: 28.845 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA_P

ClientSampleId :

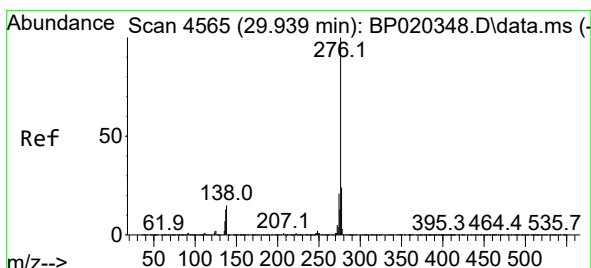
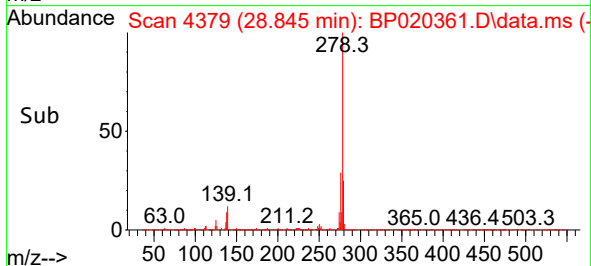
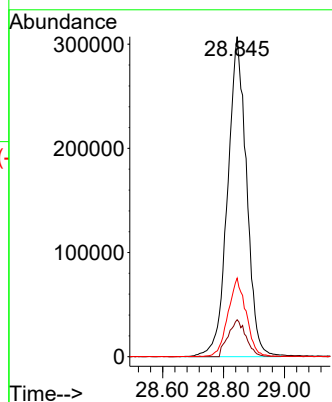
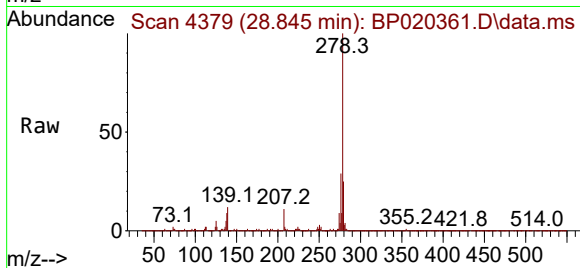
Tgt Ion:278 Resp: 1327612

Ion Ratio Lower Upper

278 100

139 11.5 10.2 15.2

279 24.5 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 19.860 ng/ul

RT: 29.933 min Scan# 4564

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Tgt Ion:276 Resp: 607742

Ion Ratio Lower Upper

276 100

138 14.4 11.6 17.4

277 25.0 19.4 29.0

