

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020154.D
 Acq On : 02 May 2024 20:42
 Operator : MA/JU
 Sample : PB160610BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 03 00:43:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 00:38:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	73526	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	325055	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.299	164	235930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	507272	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	398455	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	317376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	11617	6.673	ng/uL	0.00
4) Pyridine-d5	3.623	84	125412	24.792	ng/ul	0.00
7) Phenol-d5	6.811	99	224369	35.533	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	129323	33.715	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	157854	34.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	186809	36.593	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	83890	34.464	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	98671	35.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	186229	36.611	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	88129	12.379	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166	613589	35.614	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	658023	34.574	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	95564	36.090	ng/ul	0.00
60) Fluorene-d10	15.316	176	509738	35.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	118311	36.754	ng/ul	0.00
73) Anthracene-d10	17.234	188	791705	36.077	ng/ul	0.00
81) Pyrene-d10	19.639	212	903751	38.801	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.763	264	551725	35.954	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	23476	11.883	ng/uL	97
5) Pyridine	3.640	79	151271	29.565	ng/ul	93
6) Benzaldehyde	6.799	77	32934	10.377	ng/ul	91
8) Phenol	6.834	94	238635	36.616	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.069	93	180292	35.353	ng/ul	98
12) 2-Chlorophenol	7.193	128	173863	36.891	ng/ul	99
13) 2-Methylphenol	8.069	108	180979	37.228	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	226463	35.598	ng/ul	99
16) Acetophenone	8.452	105	303767	35.852	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.434	70	171680	37.339	ng/ul	97
18) 4-Methylphenol	8.399	108	198076	37.487	ng/ul	97
19) Hexachloroethane	8.675	117	75235	34.908	ng/ul	97
22) Nitrobenzene	8.822	77	249789	35.748	ng/ul	99
23) Isophorone	9.346	82	478776	35.633	ng/ul	98
25) 2-Nitrophenol	9.528	139	107355	37.182	ng/ul	98
26) 2,4-Dimethylphenol	9.587	107	228524	36.279	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	262081	35.184	ng/ul	100
29) 2,4-Dichlorophenol	10.063	162	187417	37.879	ng/ul	98
30) Naphthalene	10.452	128	578529	34.530	ng/ul	99
32) 4-Chloroaniline	10.587	127	120288	17.279	ng/ul	96
33) Hexachlorobutadiene	10.710	225	132887	34.579	ng/ul	97
34) Caprolactam	11.399	113	61083	35.358	ng/ul	95
35) 4-Chloro-3-methylphenol	11.716	107	243533	39.533	ng/ul	99
36) 2-Methylnaphthalene	12.075	142	425266	36.480	ng/ul	97

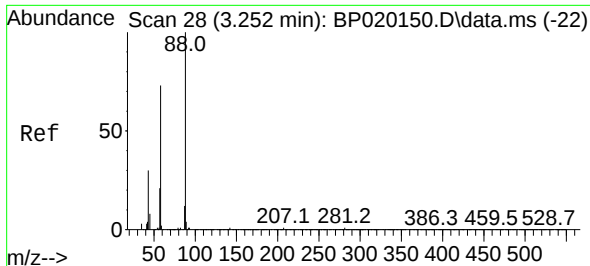
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020154.D
 Acq On : 02 May 2024 20:42
 Operator : MA/JU
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 00:38:56 2024
 Response via : Initial Calibration

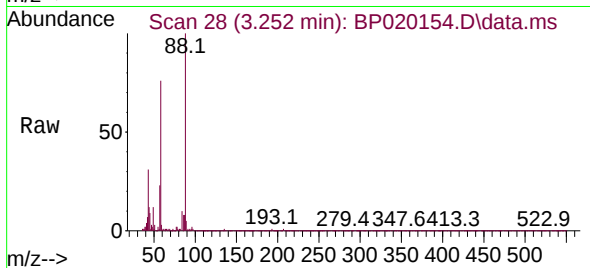
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	419869	35.791	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.452	216	254621	34.604	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	127149	31.773	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	164752	35.704	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	181771	36.609	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	584373	35.019	ng/ul	98
44) 2-Chloronaphthalene	13.152	162	459835	34.727	ng/ul	99
45) 2-Nitroaniline	13.387	65	170887	38.907	ng/ul	96
47) Dimethylphthalate	13.763	163	637030	36.605	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	132892	38.412	ng/ul	91
50) Acenaphthylene	14.016	152	767806	35.867	ng/ul	99
51) 3-Nitroaniline	14.234	138	88125	27.311	ng/ul	97
52) Acenaphthene	14.363	153	510973	35.519	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	83179	39.170	ng/ul	94
55) 4-Nitrophenol	14.563	109	108303	39.284	ng/ul	94
56) Dibenzofuran	14.710	168	718933	36.337	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	199958	40.201	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.946	232	159926	35.868	ng/ul	98
59) Diethylphthalate	15.157	149	658724	37.919	ng/ul	100
61) Fluorene	15.375	166	596372	36.277	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	324425	37.198	ng/ul	96
63) 4-Nitroaniline	15.434	138	105008	39.050	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.481	198	130422	38.855	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	428819	30.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.293	248	203845	37.099	ng/ul	93
69) Hexachlorobenzene	16.398	284	233816	36.740	ng/ul	97
71) Pentachlorophenol	16.769	266	133468	34.697	ng/ul	96
72) Phenanthrene	17.181	178	955003	36.899	ng/ul	98
74) Anthracene	17.275	178	984774	37.409	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	259541	34.426	ng/uL	98
76) Pentachlorobenzene	14.622	250	265642	35.210	ng/uL	97
77) Carbazole	17.575	167	754743	33.282	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1095391	39.850	ng/ul	100
80) Fluoranthene	19.286	202	1119938	40.857	ng/ul	99
82) Pyrene	19.669	202	1153317	40.438	ng/ul	99
83) Butylbenzylphthalate	20.651	149	436670	40.334	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.557	252	18477	2.278	ng/ul#	97
85) Benzo(a)anthracene	21.616	228	1010547	37.392	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	580658	37.177	ng/ul	97
87) Chrysene	21.686	228	945316	37.740	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	873934	42.997	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	821233	43.499	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	830523	43.167	ng/ul	99
93) Benzo(a)pyrene	24.827	252	747968	41.637	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.809	276	361422	16.412	ng/ul	99
95) Dibenzo(a,h)anthracene	28.892	278	459745	25.241	ng/ul	99
96) Benzo(g,h,i)perylene	29.974	276	277148	15.605	ng/ul	98

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



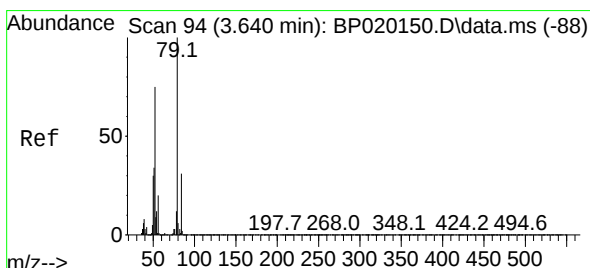
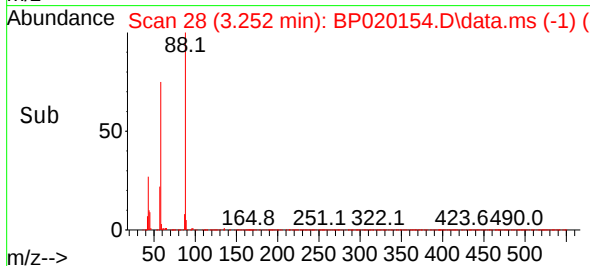
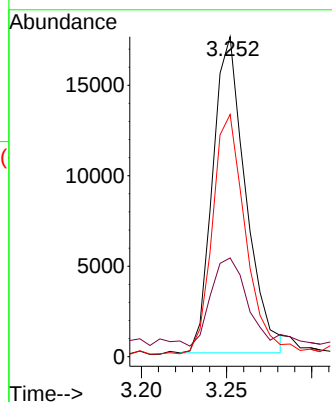
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1,4-Dioxane
Concen: 11.883 ng/uL
RT: 3.252 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 88 Resp: 23476

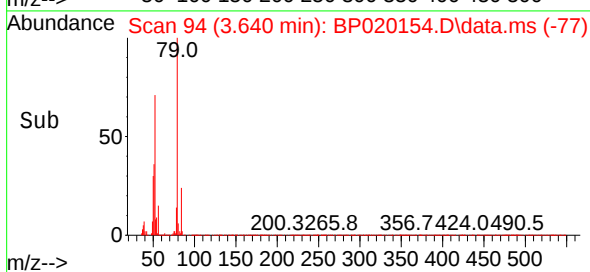
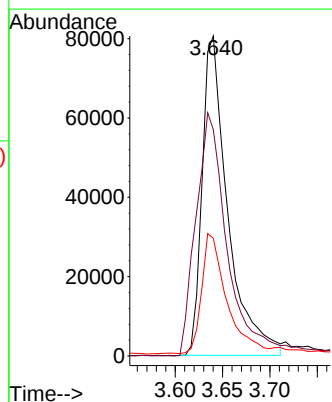
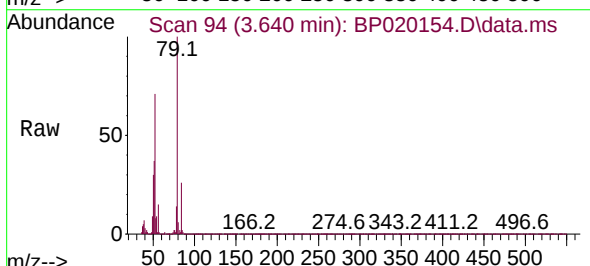
Ion	Ratio	Lower	Upper
88	100		
43	30.9	23.9	35.9
58	75.7	58.2	87.4

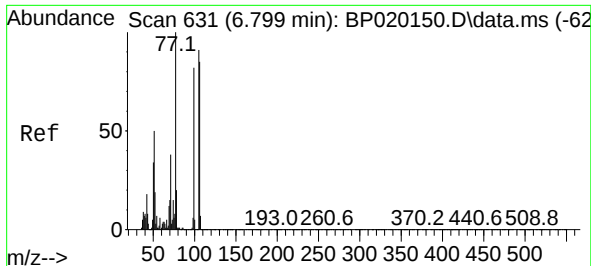


#5
Pyridine
Concen: 29.565 ng/uL
RT: 3.640 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion: 79 Resp: 151271

Ion	Ratio	Lower	Upper
79	100		
52	70.7	60.7	91.1
51	36.7	33.1	49.7

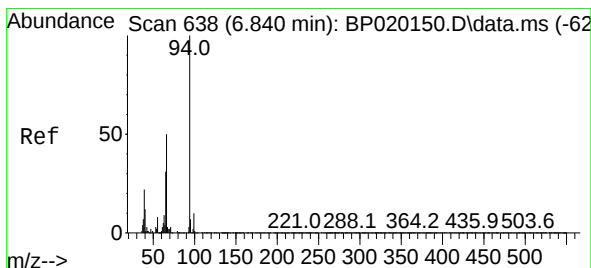
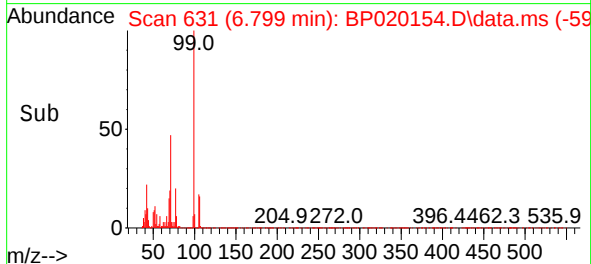
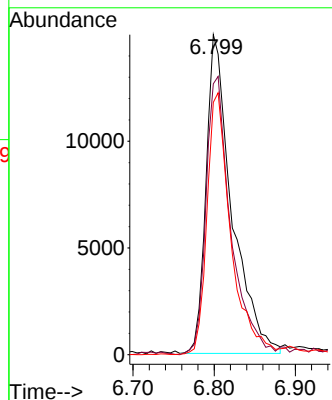
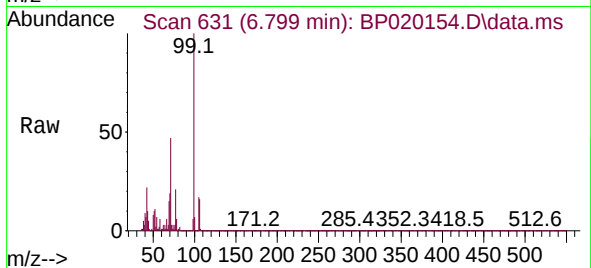




#6
Benzaldehyde
Concen: 10.377 ng/ul
RT: 6.799 min Scan# 631
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

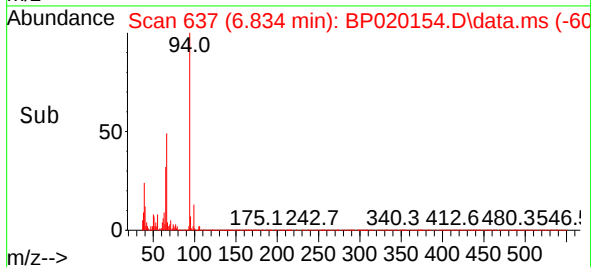
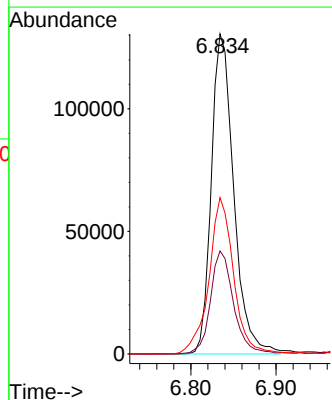
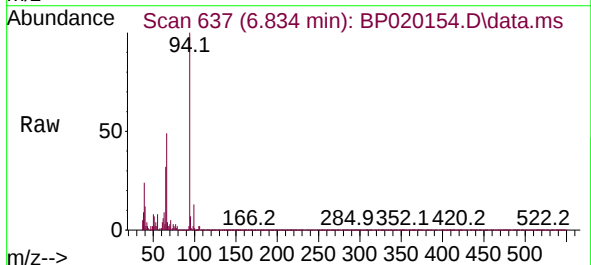
Instrument :
BNA_P
ClientSampleId :

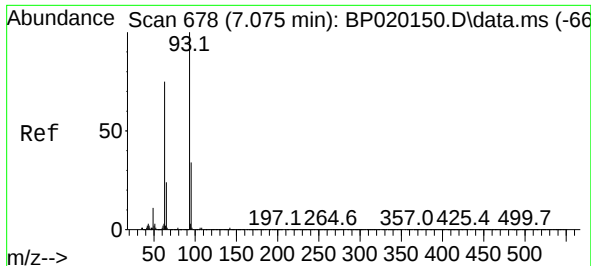
Tgt Ion: 77 Resp: 32934
Ion Ratio Lower Upper
77 100
105 84.7 75.4 113.2
106 78.8 68.2 102.2



#8
Phenol
Concen: 36.616 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

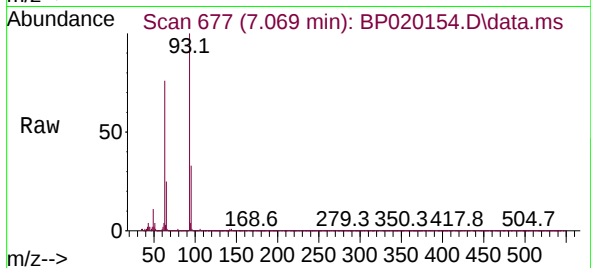
Tgt Ion: 94 Resp: 238635
Ion Ratio Lower Upper
94 100
65 32.2 26.1 39.1
66 48.9 38.6 57.8





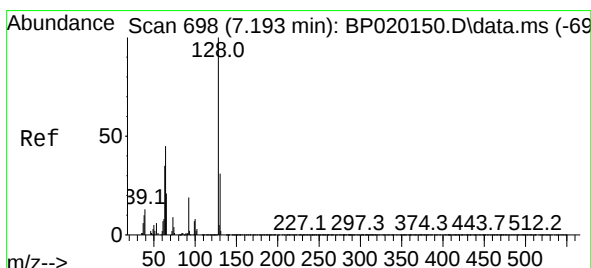
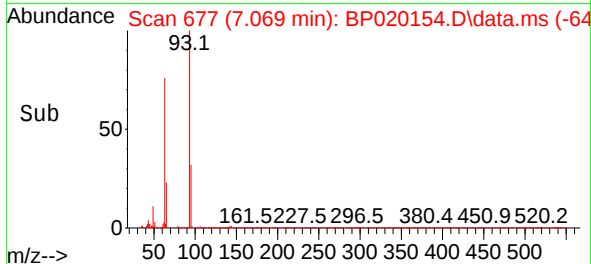
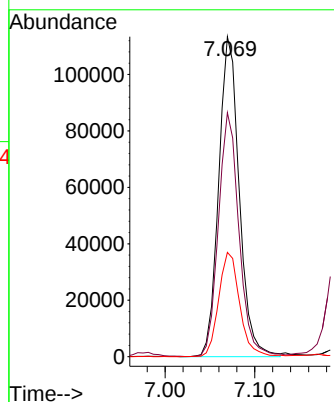
#10
Bis(2-Chloroethyl)ether
Concen: 35.353 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 180292

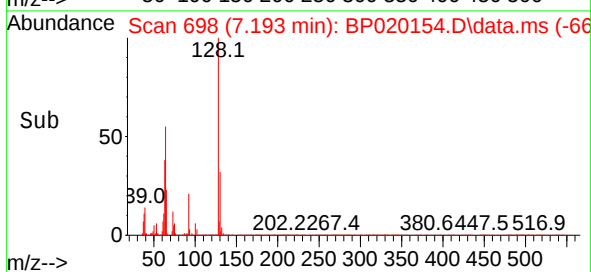
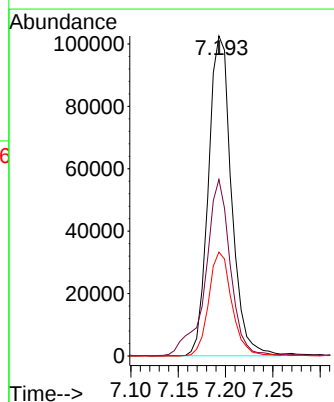
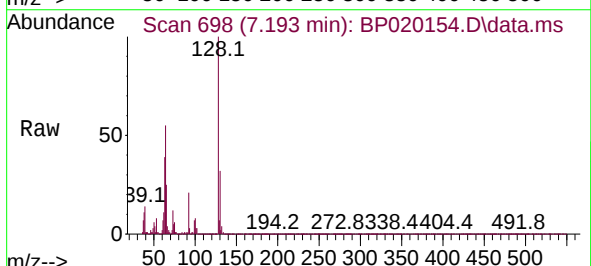
Ion	Ratio	Lower	Upper
93	100		
63	76.2	59.5	89.3
95	32.6	25.3	37.9

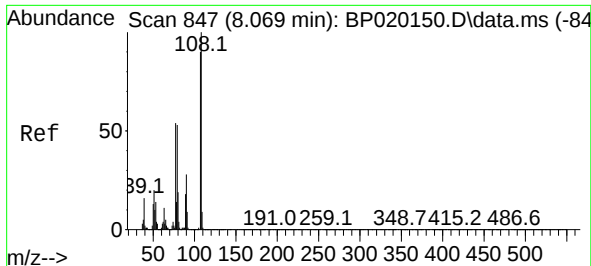


#12
2-Chlorophenol
Concen: 36.891 ng/ul
RT: 7.193 min Scan# 698
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion:128 Resp: 173863

Ion	Ratio	Lower	Upper
128	100		
64	55.2	43.8	65.6
130	32.5	26.5	39.7





#13

2-Methylphenol

Concen: 37.228 ng/ul

RT: 8.069 min Scan# 847

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

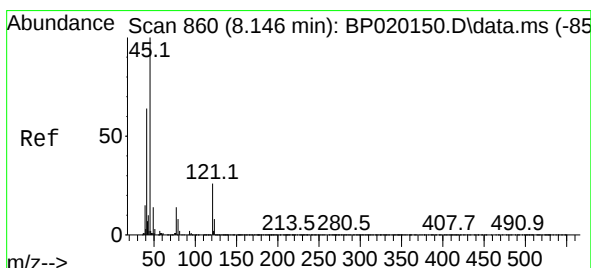
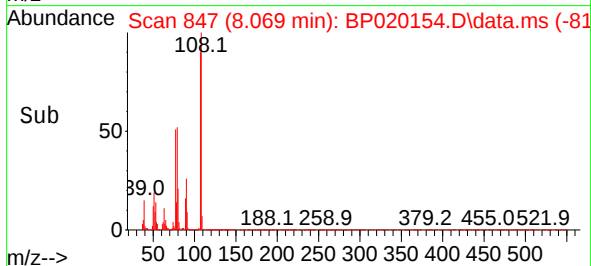
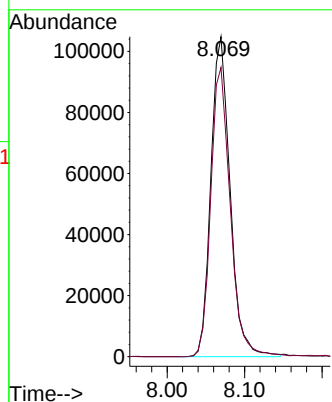
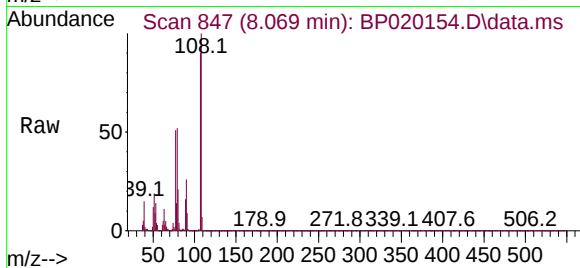
ClientSampleId :

Tgt Ion:108 Resp: 180979

Ion Ratio Lower Upper

108 100

107 90.4 73.0 109.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.598 ng/ul

RT: 8.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

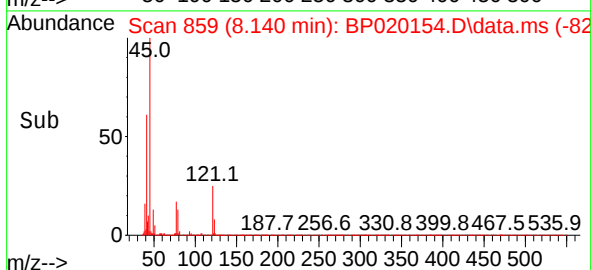
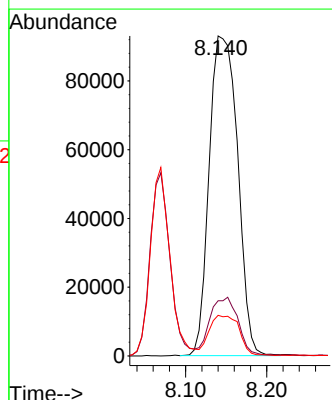
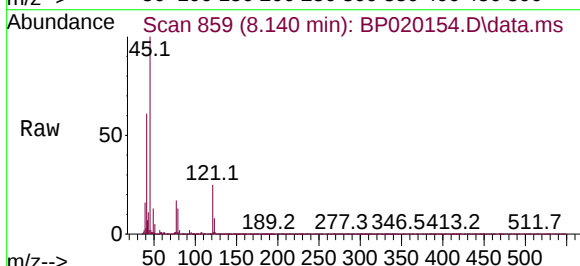
Tgt Ion: 45 Resp: 226463

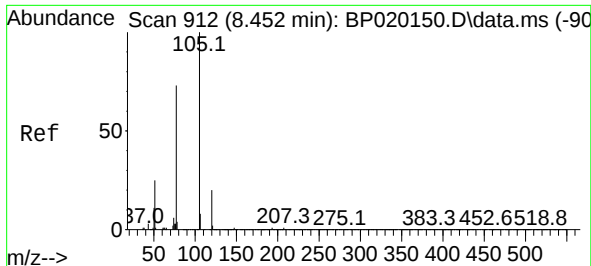
Ion Ratio Lower Upper

45 100

77 17.3 13.8 20.8

79 12.7 10.9 16.3

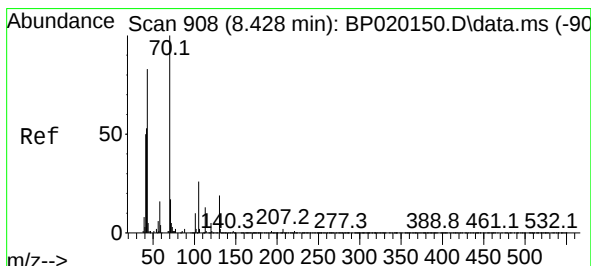
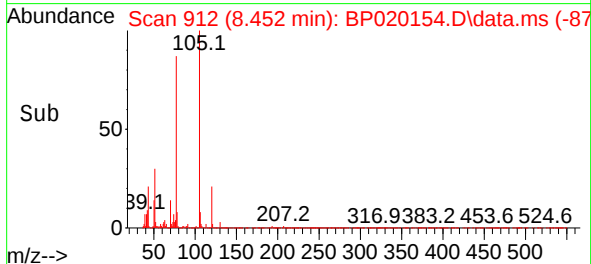
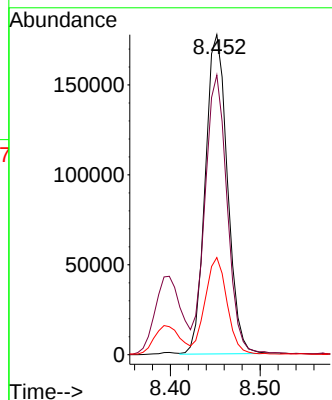
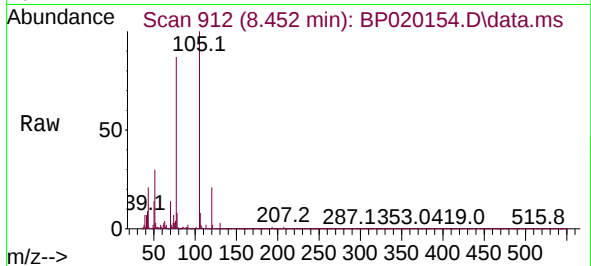




#16
Acetophenone
Concen: 35.852 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

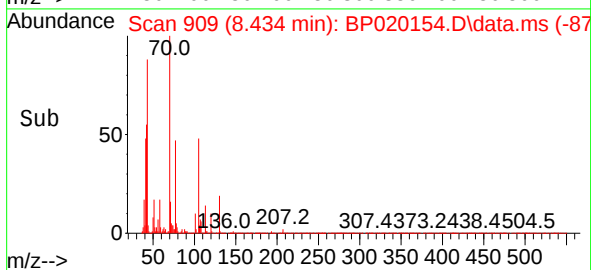
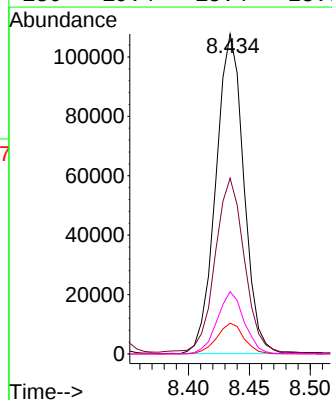
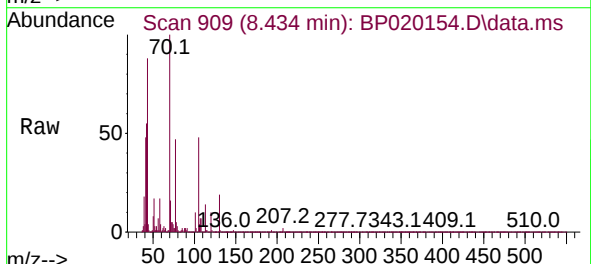
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BNA_P
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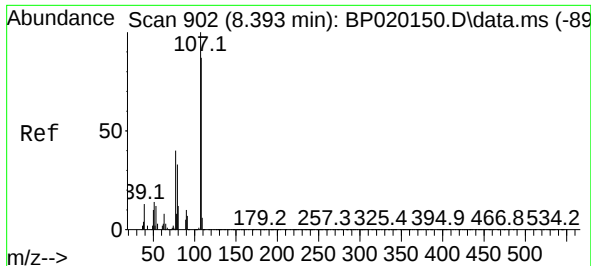
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Ion Ratio Lower Upper
105 100
77 87.4 66.4 99.6
51 30.3 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 37.339 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion: 70 Resp: 171680
Ion Ratio Lower Upper
70 100
42 54.9 46.2 69.4
101 9.6 7.8 11.6
130 19.4 15.4 23.0

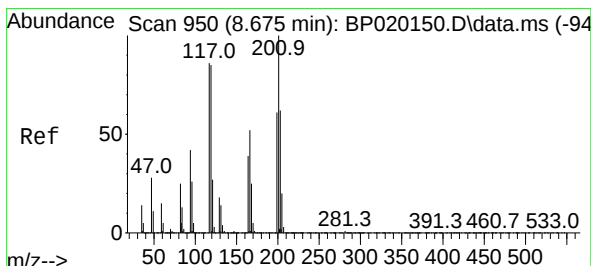
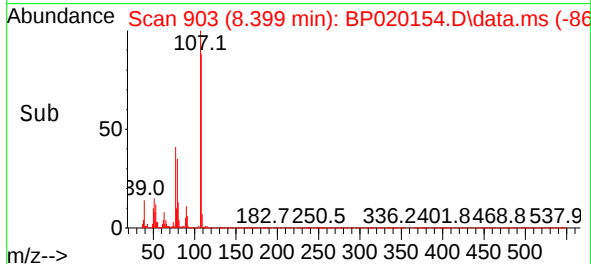
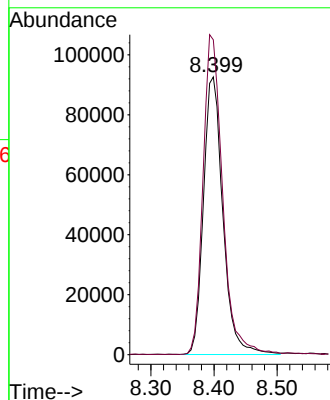
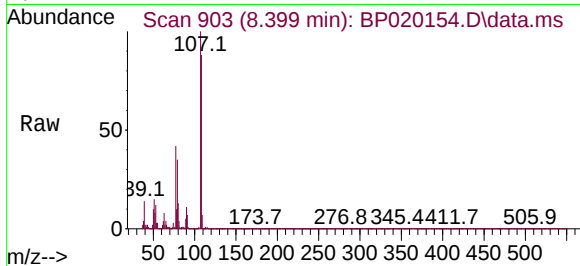




#18
4-Methylphenol
Concen: 37.487 ng/ul
RT: 8.399 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

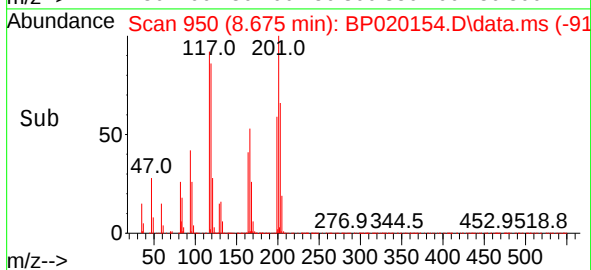
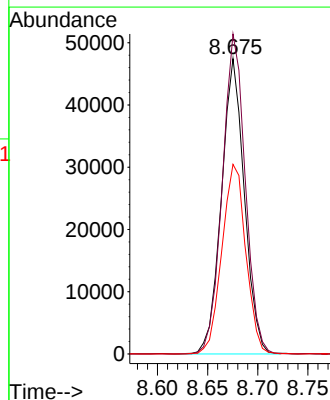
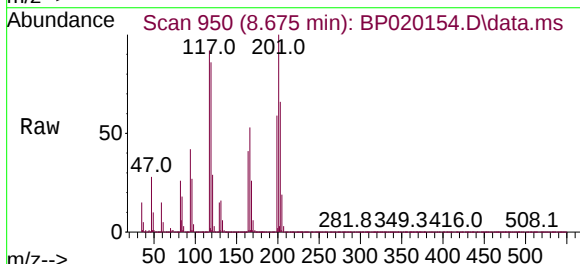
Instrument :
BNA_P
ClientSampleId :

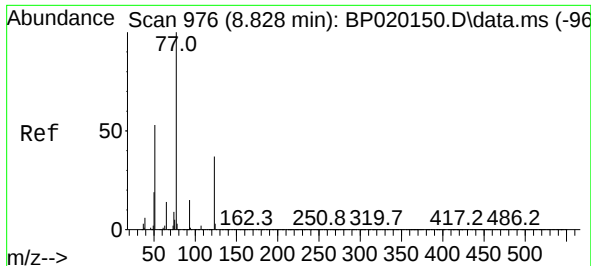
Tgt Ion:108 Resp: 198076
Ion Ratio Lower Upper
108 100
107 113.3 88.2 132.2



#19
Hexachloroethane
Concen: 34.908 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion:117 Resp: 75235
Ion Ratio Lower Upper
117 100
201 108.3 84.0 126.0
199 64.2 53.4 80.2





#22

Nitrobenzene

Concen: 35.748 ng/ul

RT: 8.822 min Scan# 91

Delta R.T. -0.006 min

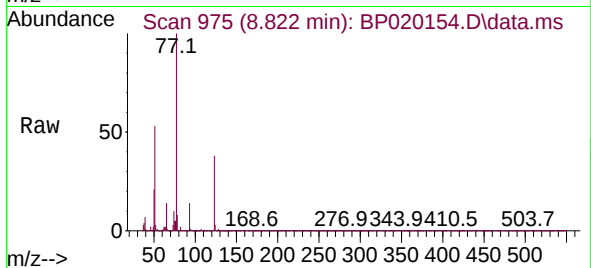
Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :



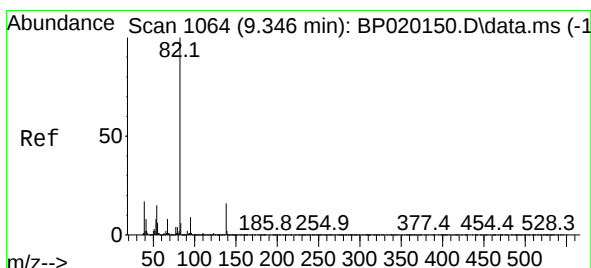
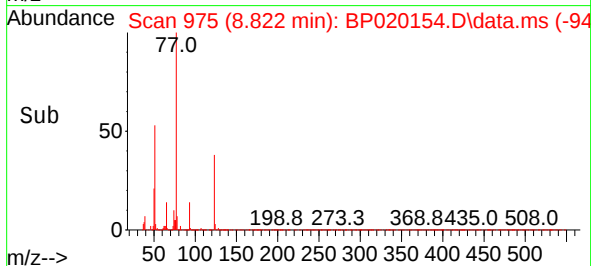
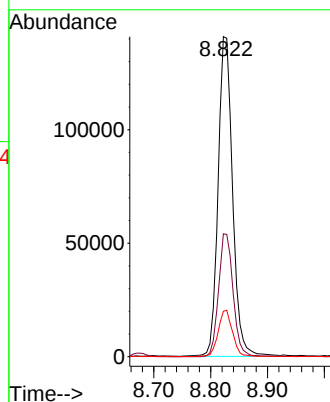
Tgt Ion: 77 Resp: 249789

Ion Ratio Lower Upper

77 100

123 38.4 31.4 47.2

65 14.2 11.4 17.2



#23

Isophorone

Concen: 35.633 ng/ul

RT: 9.346 min Scan# 1064

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

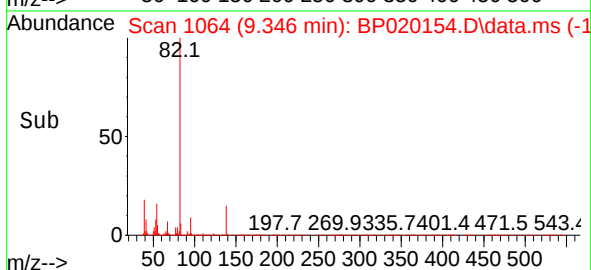
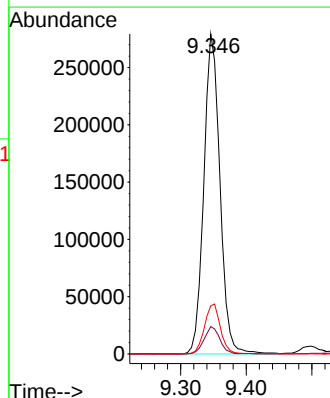
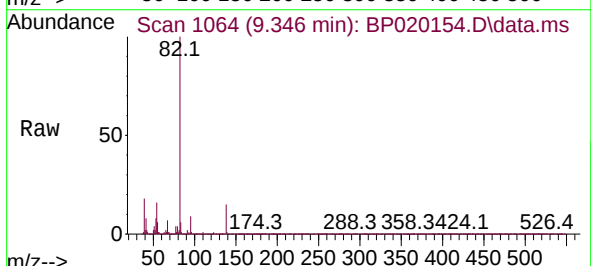
Tgt Ion: 82 Resp: 478776

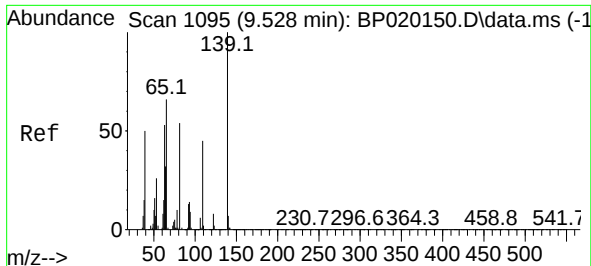
Ion Ratio Lower Upper

82 100

95 8.6 6.6 9.8

138 15.1 12.9 19.3

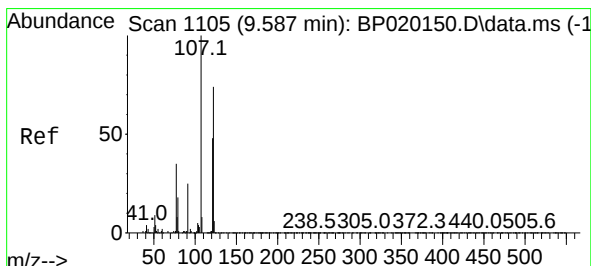
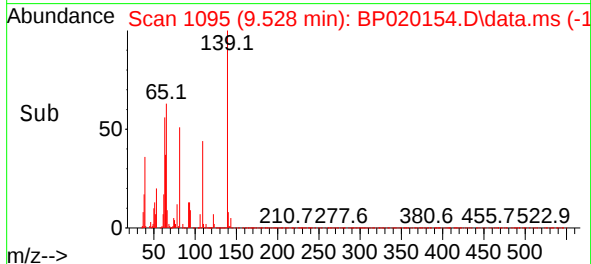
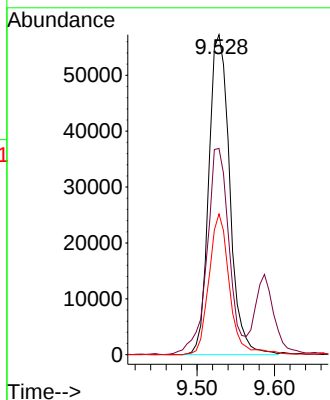
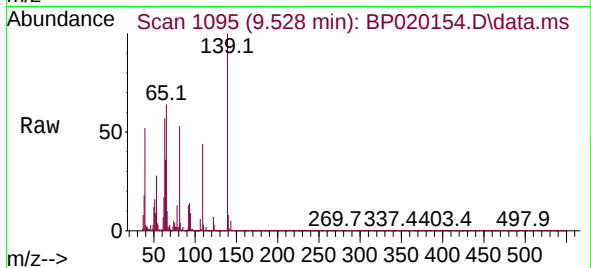




#25
2-Nitrophenol
Concen: 37.182 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

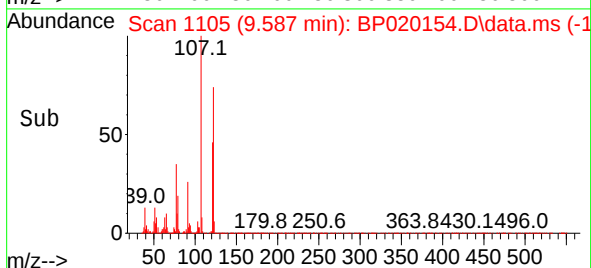
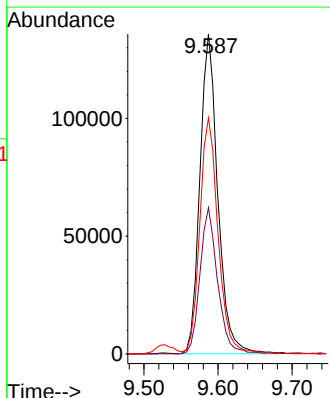
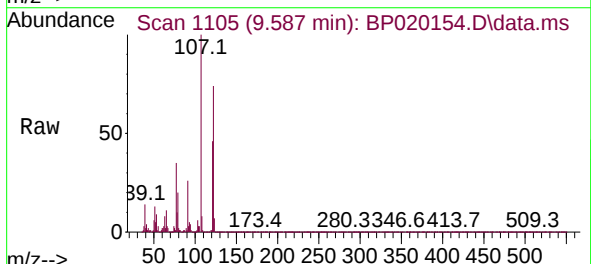
Instrument :
BNA_P
ClientSampleId :

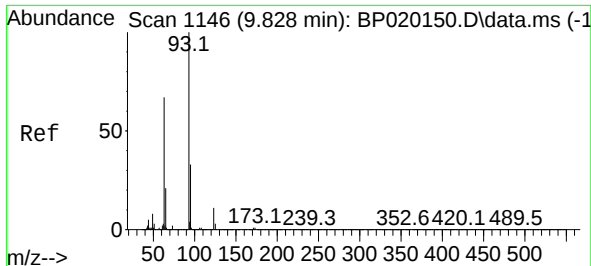
Tgt Ion:139 Resp: 107355
Ion Ratio Lower Upper
139 100
65 64.5 53.8 80.6
109 44.0 35.3 52.9



#26
2,4-Dimethylphenol
Concen: 36.279 ng/ul
RT: 9.587 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion:107 Resp: 228524
Ion Ratio Lower Upper
107 100
121 45.7 36.0 54.0
122 73.8 59.4 89.2



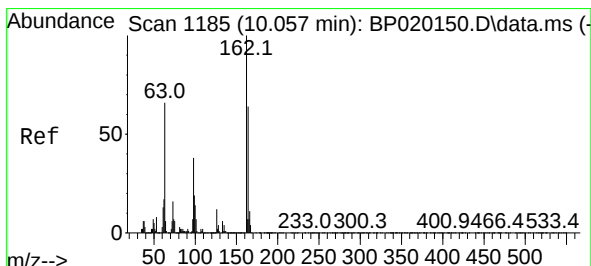
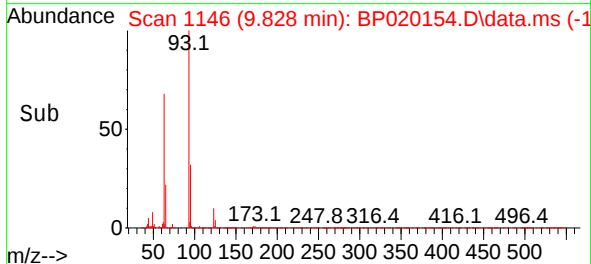
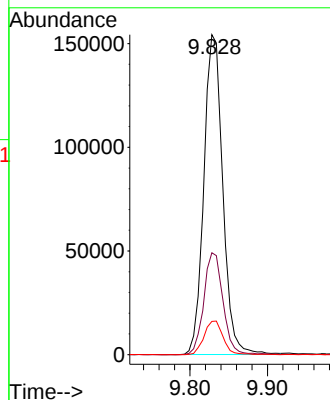
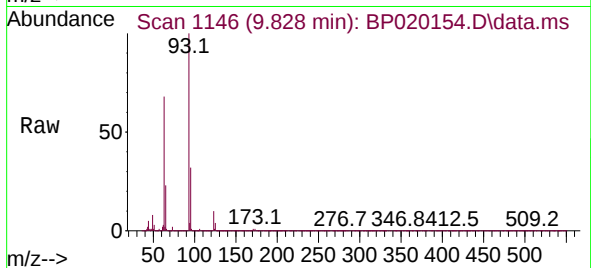


#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.184 ng/ul
 RT: 9.828 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: BP020154.D
 Acq: 02 May 2024 20:42

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 262081

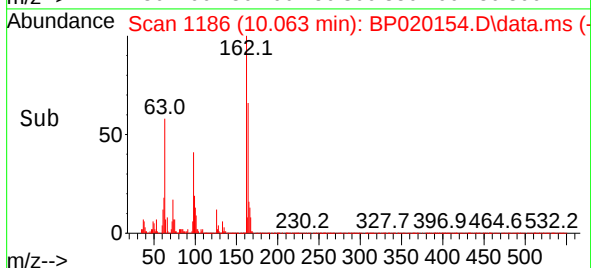
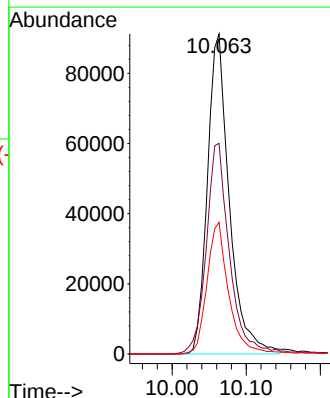
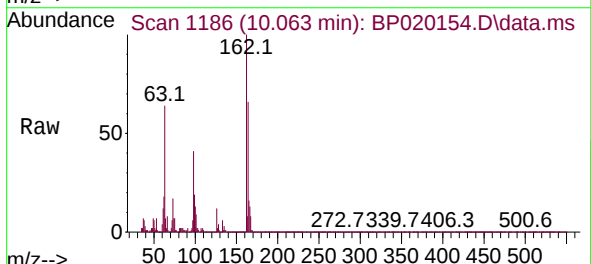
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	10.4	8.3	12.5

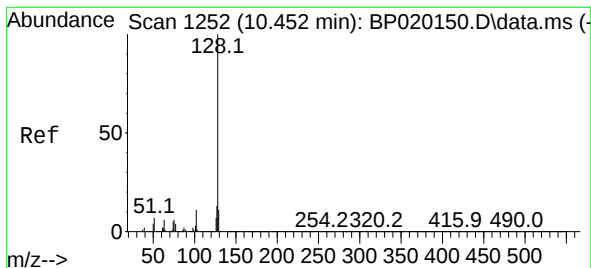


#29
 2,4-Dichlorophenol
 Concen: 37.879 ng/ul
 RT: 10.063 min Scan# 1186
 Delta R.T. 0.006 min
 Lab File: BP020154.D
 Acq: 02 May 2024 20:42

Tgt Ion: 162 Resp: 187417

Ion	Ratio	Lower	Upper
162	100		
164	65.8	53.1	79.7
98	41.2	31.4	47.2





#30

Naphthalene

Concen: 34.530 ng/ul

RT: 10.452 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

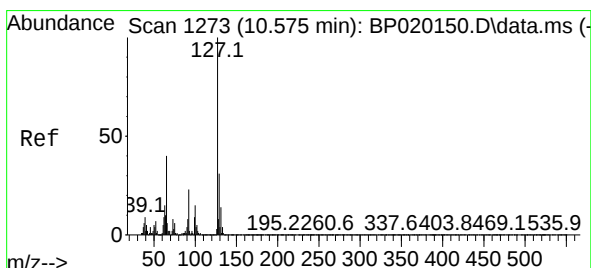
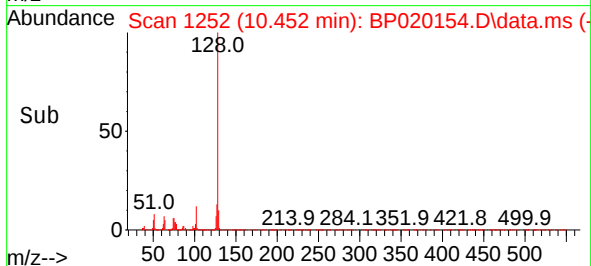
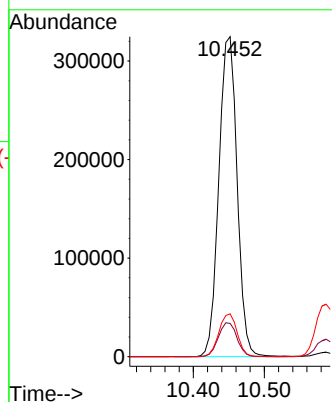
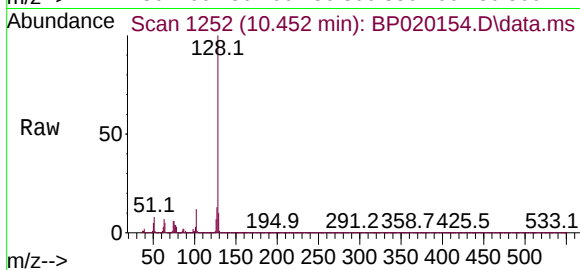
Tgt Ion:128 Resp: 578529

Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 13.4 10.6 16.0



#32

4-Chloroaniline

Concen: 17.279 ng/ul

RT: 10.587 min Scan# 1275

Delta R.T. 0.012 min

Lab File: BP020154.D

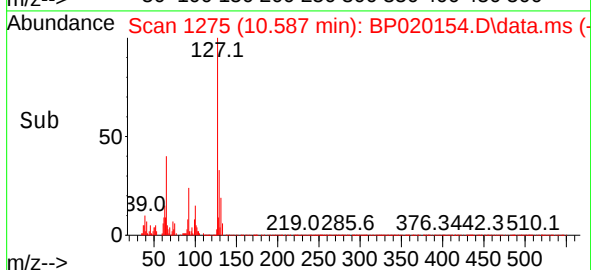
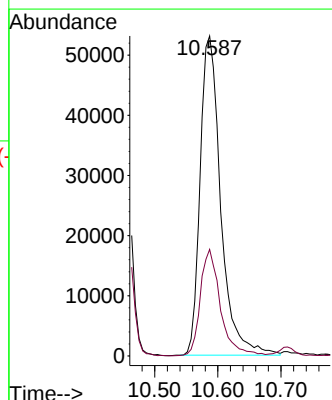
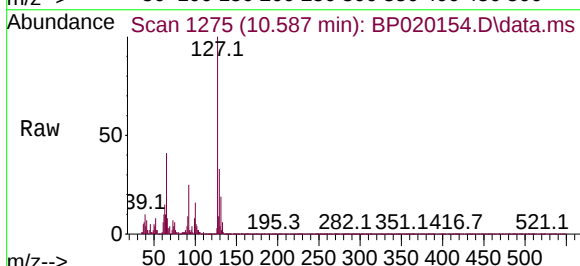
Acq: 02 May 2024 20:42

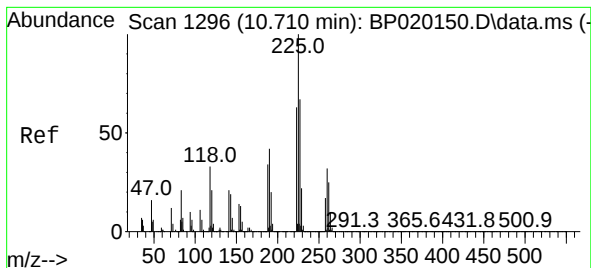
Tgt Ion:127 Resp: 120288

Ion Ratio Lower Upper

127 100

129 33.3 24.8 37.2





#33

Hexachlorobutadiene

Concen: 34.579 ng/ul

RT: 10.710 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

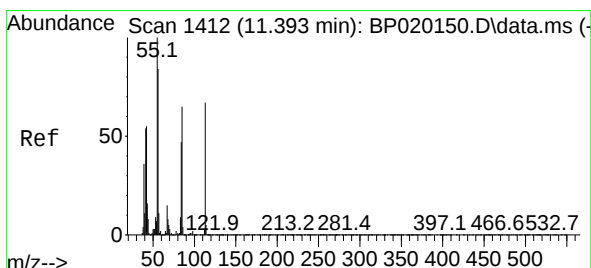
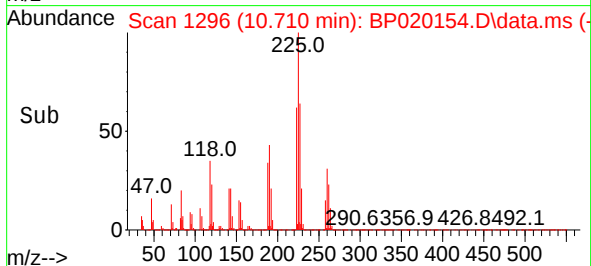
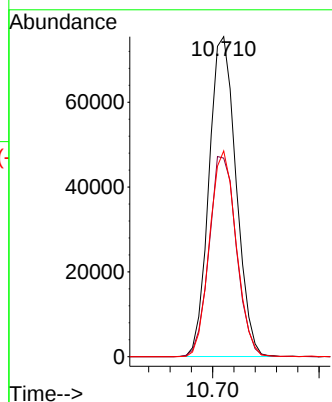
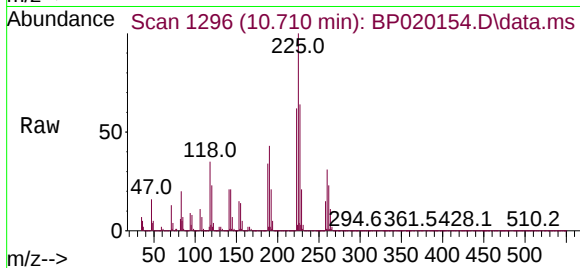
Tgt Ion:225 Resp: 132887

Ion Ratio Lower Upper

225 100

223 62.1 53.2 79.8

227 64.3 51.4 77.0



#34

Caprolactam

Concen: 35.358 ng/ul

RT: 11.399 min Scan# 1413

Delta R.T. 0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

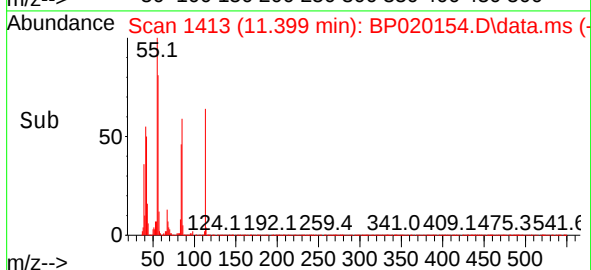
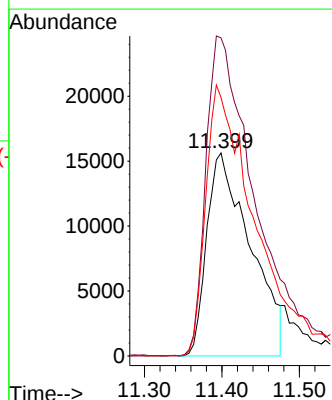
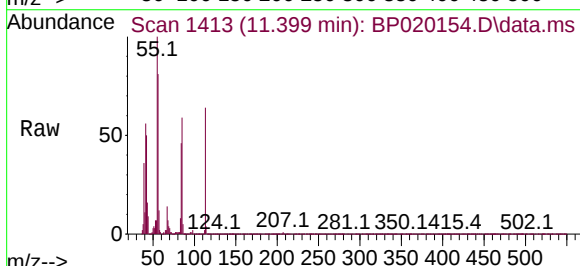
Tgt Ion:113 Resp: 61083

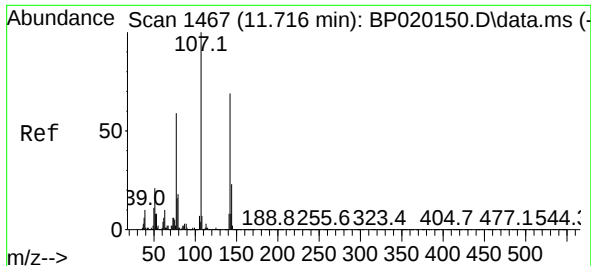
Ion Ratio Lower Upper

113 100

55 156.7 131.0 196.6

56 127.3 105.4 158.2





#35

4-Chloro-3-methylphenol

Concen: 39.533 ng/ul

RT: 11.716 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

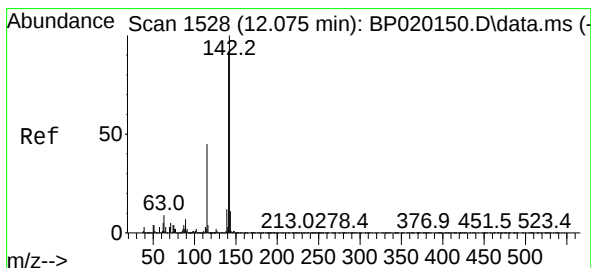
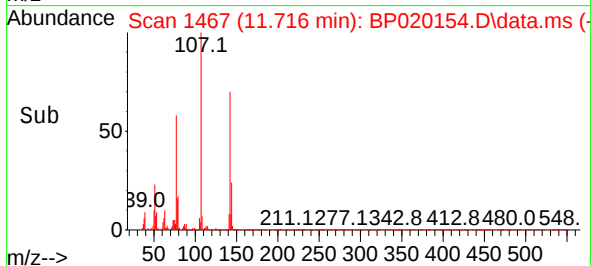
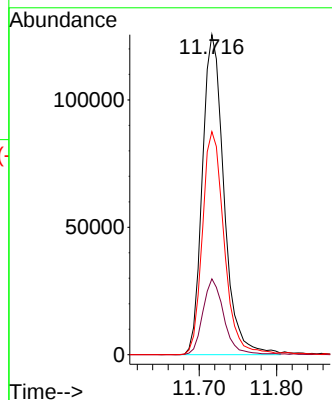
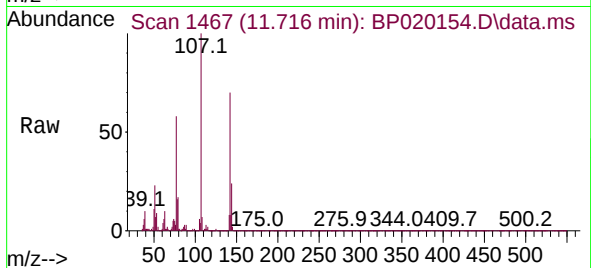
Tgt Ion:107 Resp: 243533

Ion Ratio Lower Upper

107 100

144 23.7 18.3 27.5

142 69.7 56.6 84.8



#36

2-Methylnaphthalene

Concen: 36.480 ng/ul

RT: 12.075 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BP020154.D

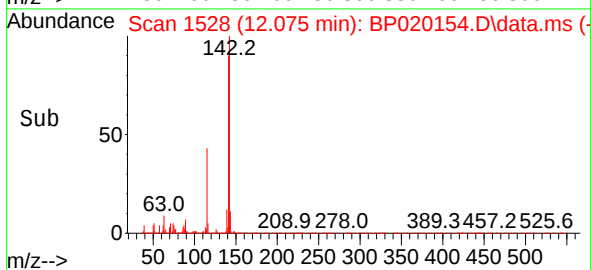
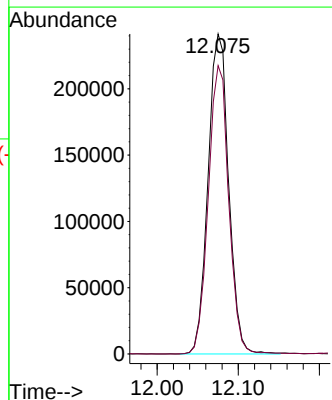
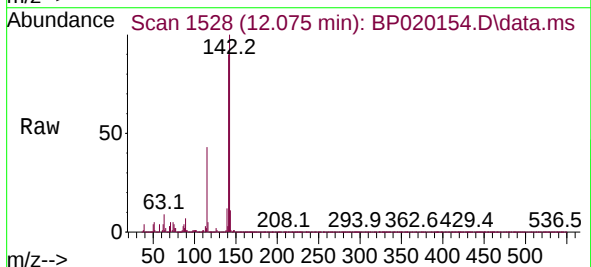
Acq: 02 May 2024 20:42

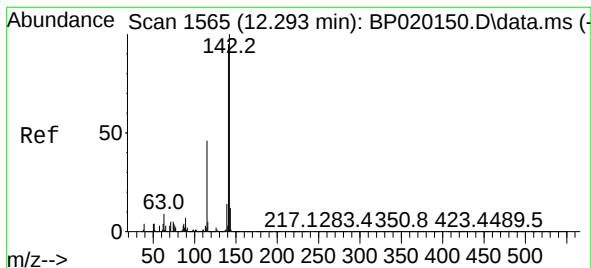
Tgt Ion:142 Resp: 425266

Ion Ratio Lower Upper

142 100

141 90.1 74.6 111.8





#37

1-Methylnaphthalene

Concen: 35.791 ng/ul

RT: 12.299 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

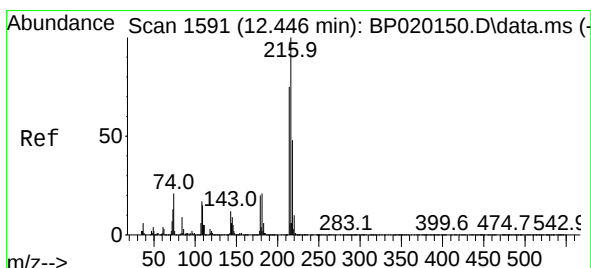
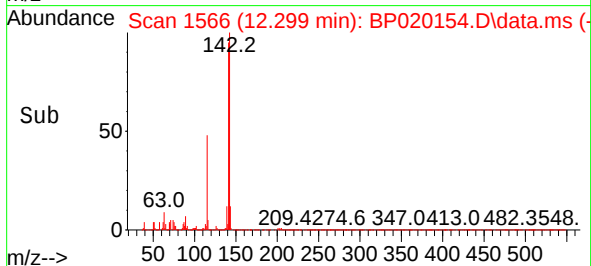
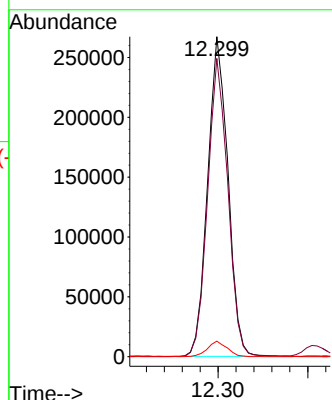
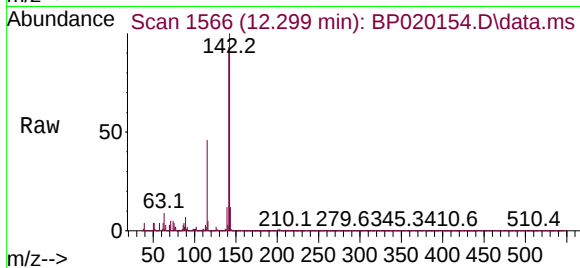
Tgt Ion:142 Resp: 419869

Ion Ratio Lower Upper

142 100

141 93.2 75.5 113.3

116 4.9 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.604 ng/ul

RT: 12.452 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Tgt Ion:216 Resp: 254621

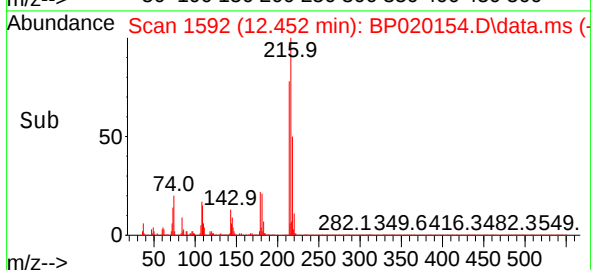
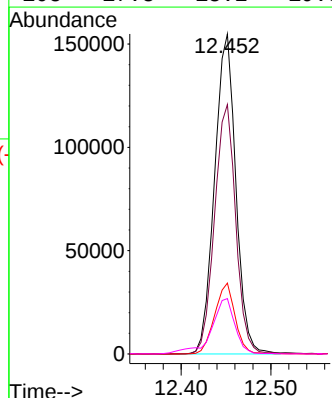
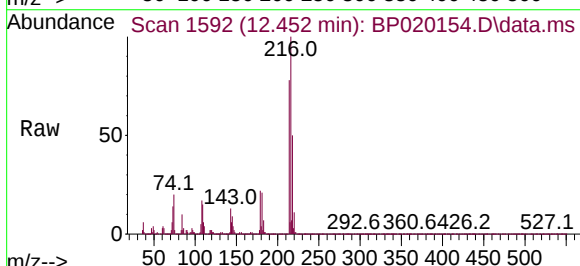
Ion Ratio Lower Upper

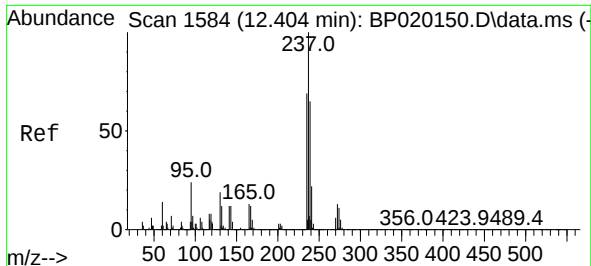
216 100

214 77.9 61.3 91.9

179 22.2 16.9 25.3

108 17.3 13.2 19.8

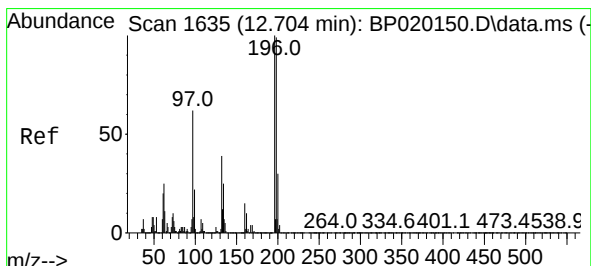
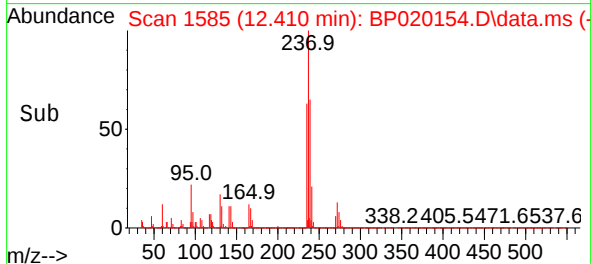
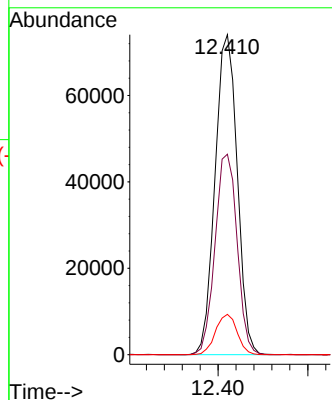
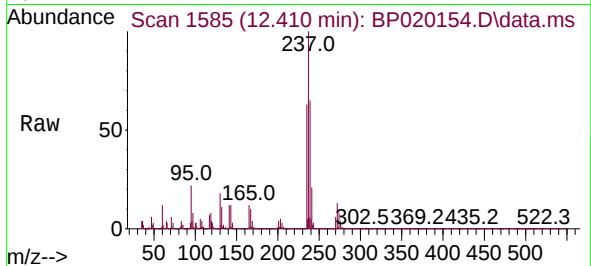




#40
Hexachlorocyclopentadiene
Concen: 31.773 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

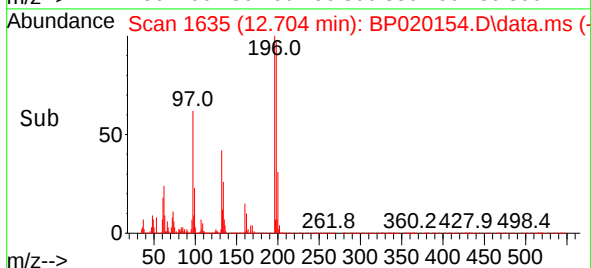
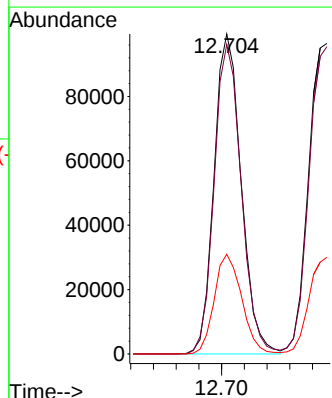
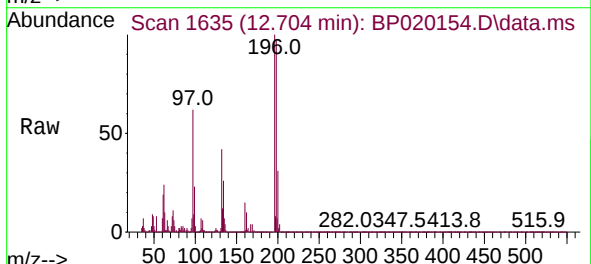
Instrument :
BNA_P
ClientSampleId :

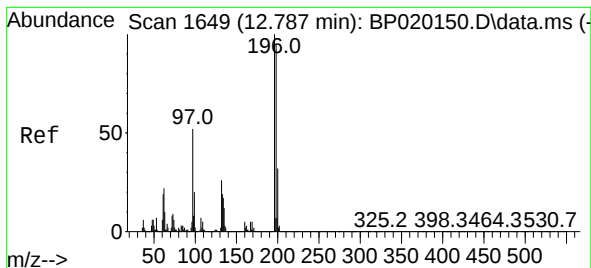
Tgt Ion:237 Resp: 127149
Ion Ratio Lower Upper
237 100
235 62.7 52.4 78.6
272 12.6 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 35.704 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion:196 Resp: 164752
Ion Ratio Lower Upper
196 100
198 96.7 75.8 113.8
200 31.2 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 36.609 ng/ul

RT: 12.793 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

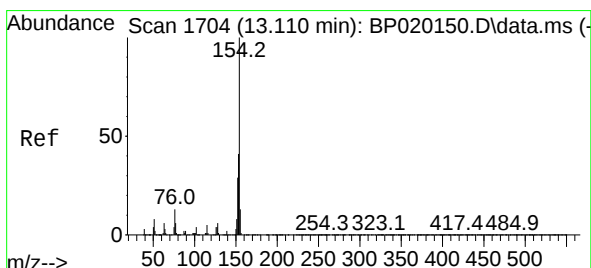
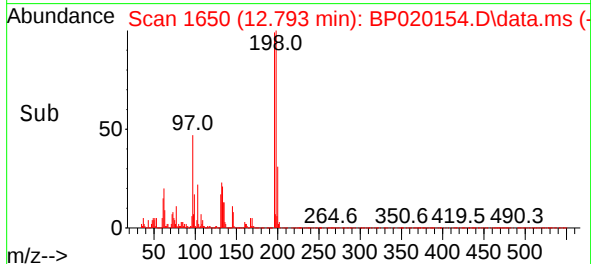
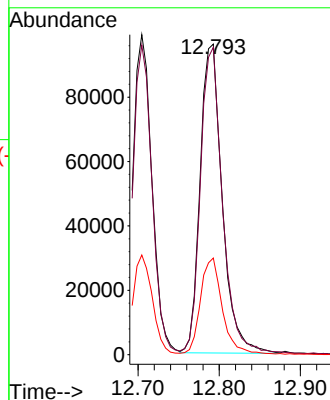
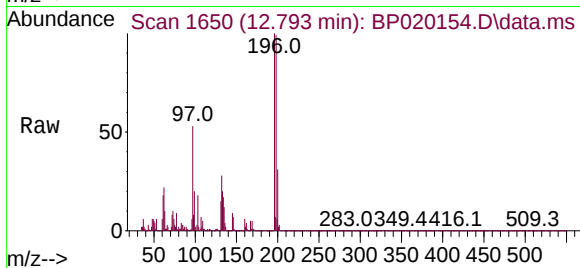
Tgt Ion:196 Resp: 181771

Ion Ratio Lower Upper

196 100

198 99.0 73.5 110.3

200 31.1 24.4 36.6



#43

1,1'-Biphenyl

Concen: 35.019 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

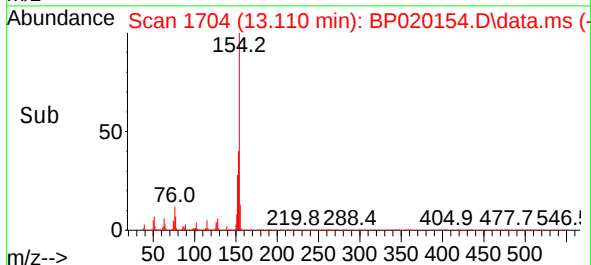
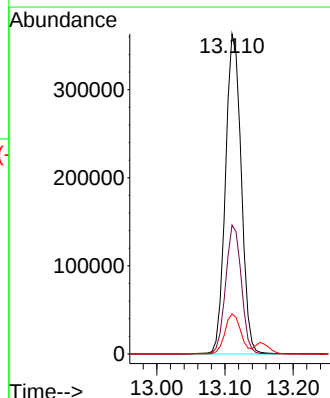
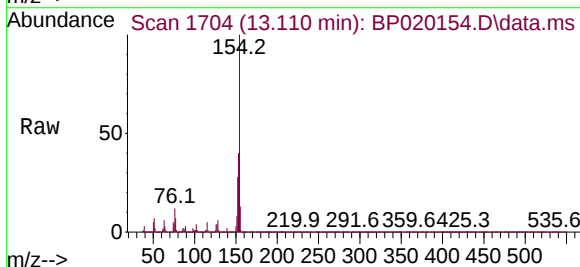
Tgt Ion:154 Resp: 584373

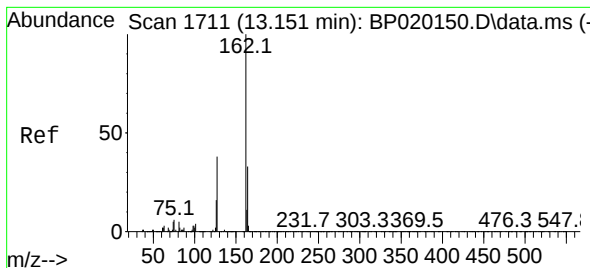
Ion Ratio Lower Upper

154 100

153 40.3 33.1 49.7

76 12.5 9.7 14.5





#44

2-Chloronaphthalene

Concen: 34.727 ng/ul

RT: 13.152 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

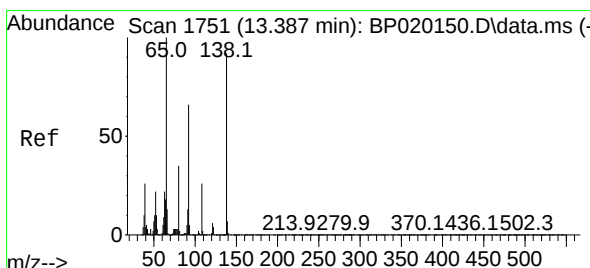
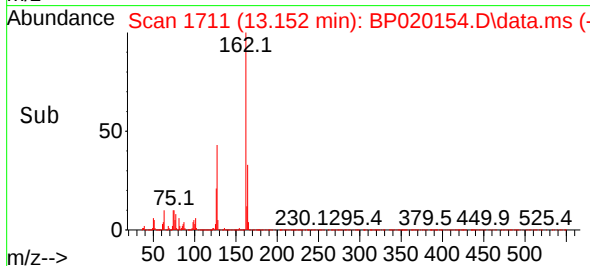
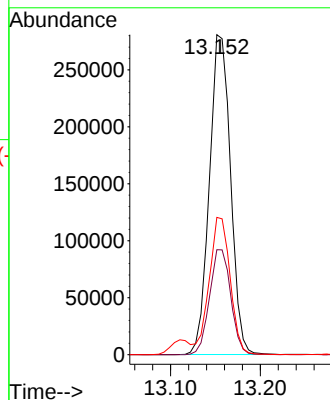
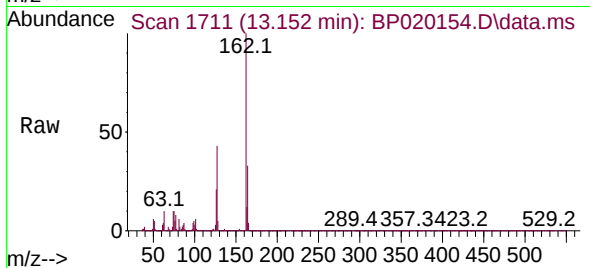
Tgt Ion:162 Resp: 459835

Ion Ratio Lower Upper

162 100

164 32.8 26.1 39.1

127 42.9 33.6 50.4



#45

2-Nitroaniline

Concen: 38.907 ng/ul

RT: 13.387 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

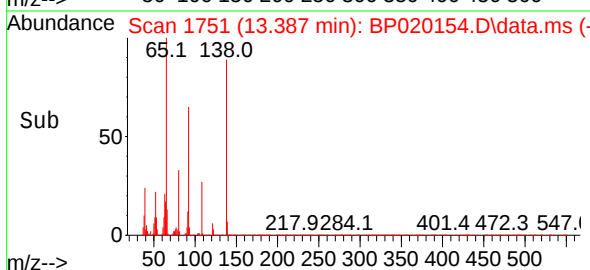
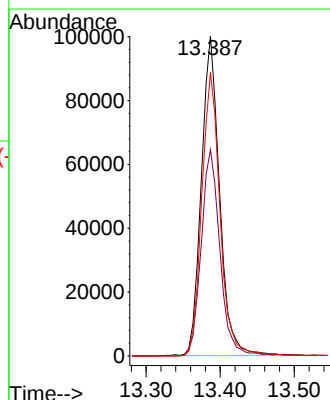
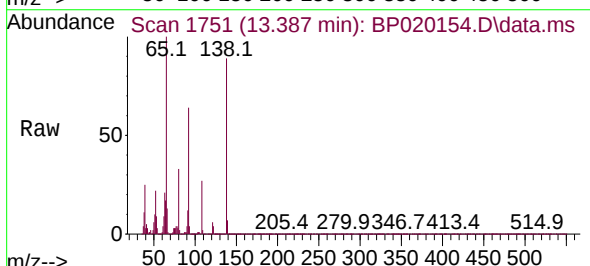
Tgt Ion: 65 Resp: 170887

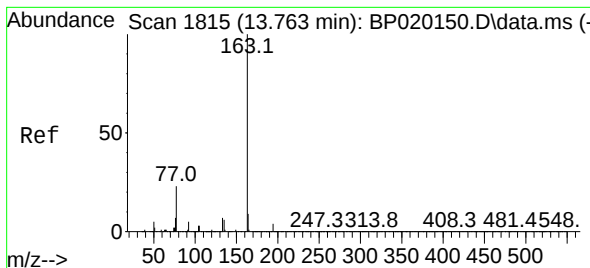
Ion Ratio Lower Upper

65 100

92 64.5 55.6 83.4

138 88.6 73.1 109.7





#47

Dimethylphthalate

Concen: 36.605 ng/ul

RT: 13.763 min Scan# 1815

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

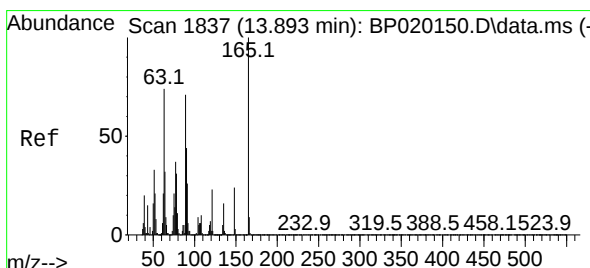
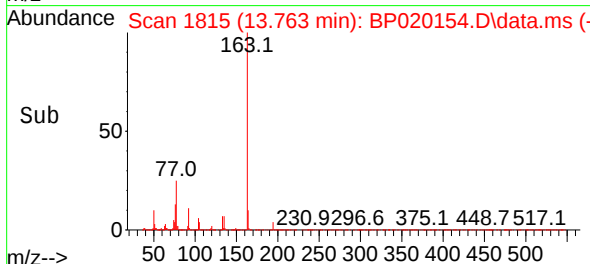
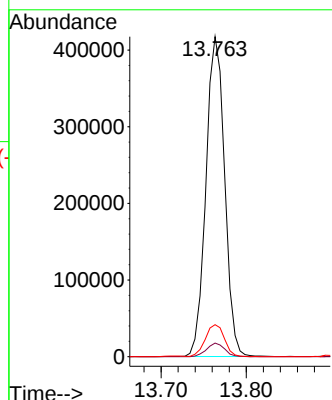
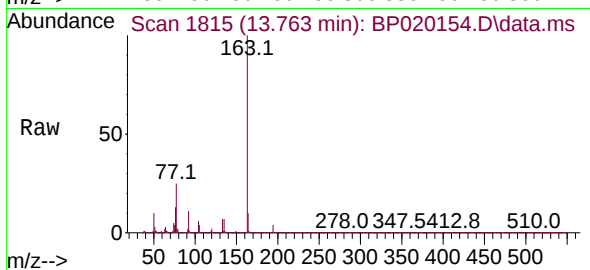
Tgt Ion:163 Resp: 637030

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 38.412 ng/ul

RT: 13.893 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

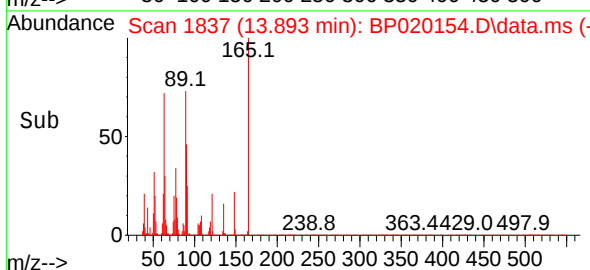
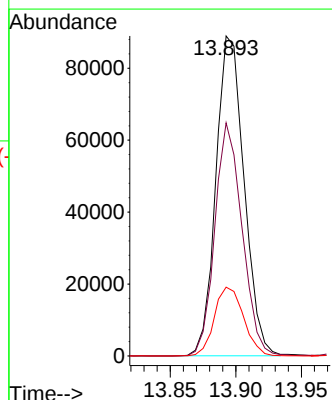
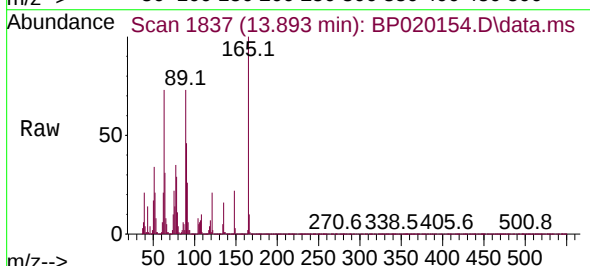
Tgt Ion:165 Resp: 132892

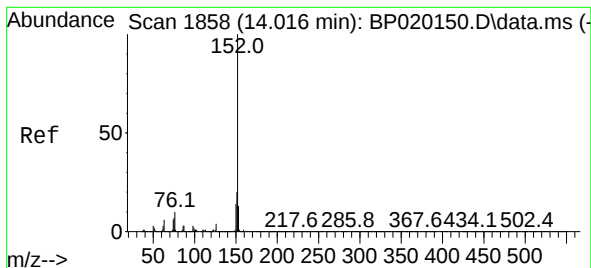
Ion Ratio Lower Upper

165 100

89 72.8 51.0 76.6

121 21.5 18.5 27.7





#50

Acenaphthylene

Concen: 35.867 ng/ul

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

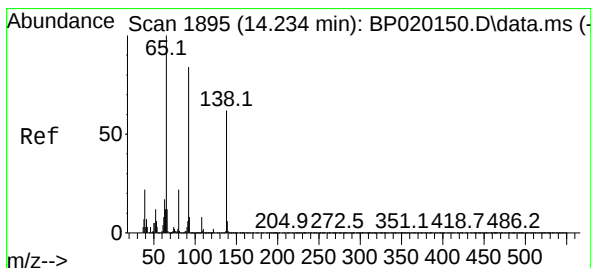
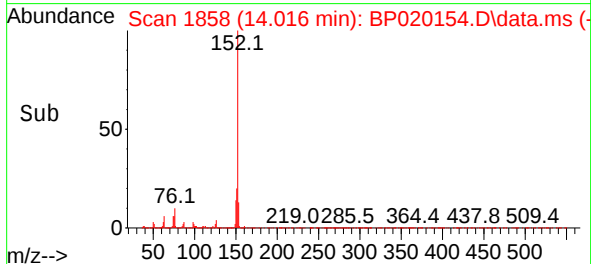
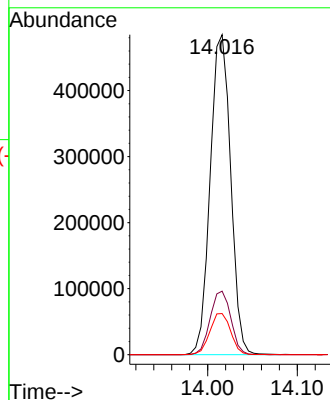
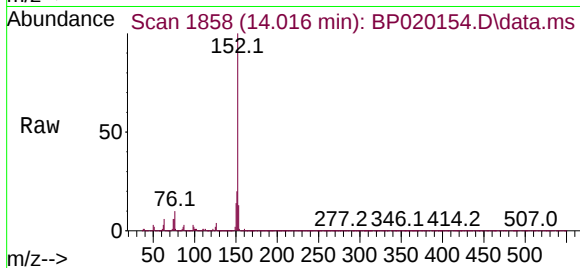
Tgt Ion:152 Resp: 767806

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7

153 12.9 10.3 15.5



#51

3-Nitroaniline

Concen: 27.311 ng/ul

RT: 14.234 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

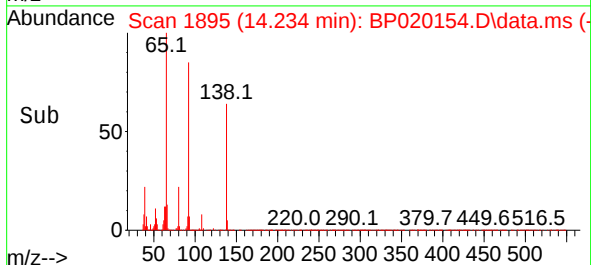
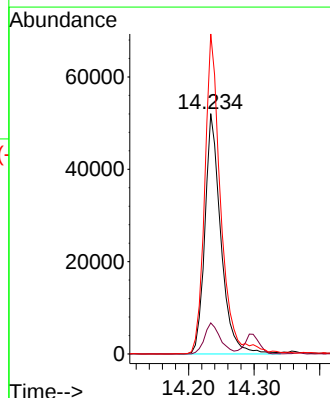
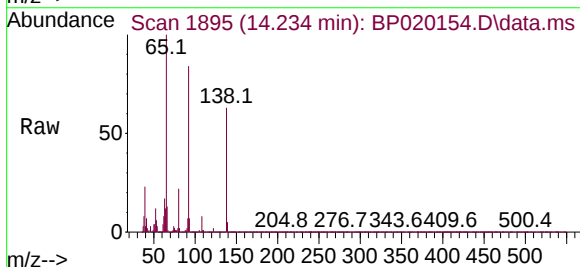
Tgt Ion:138 Resp: 88125

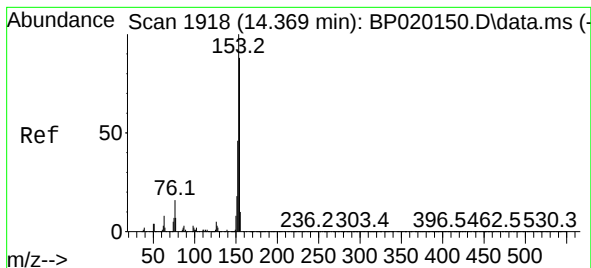
Ion Ratio Lower Upper

138 100

108 12.9 10.8 16.2

92 133.1 103.3 154.9





#52

Acenaphthene

Concen: 35.519 ng/ul

RT: 14.363 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

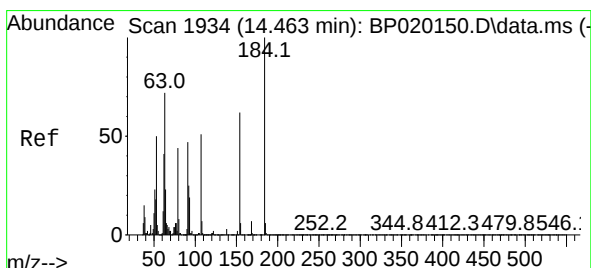
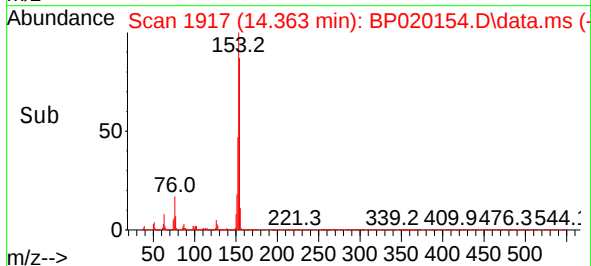
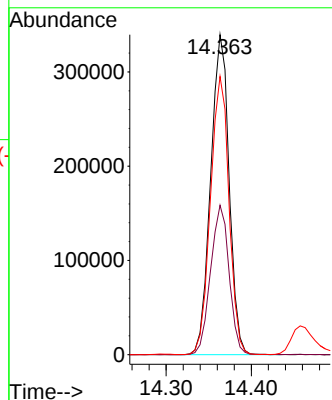
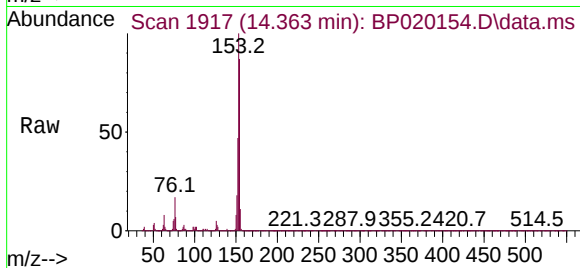
Tgt Ion:153 Resp: 510973

Ion Ratio Lower Upper

153 100

152 46.7 37.4 56.2

154 86.9 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 39.170 ng/ul

RT: 14.457 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

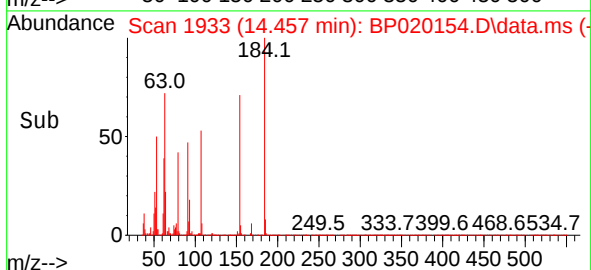
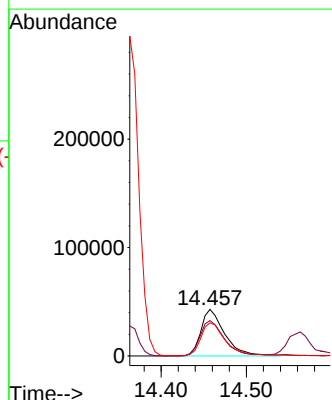
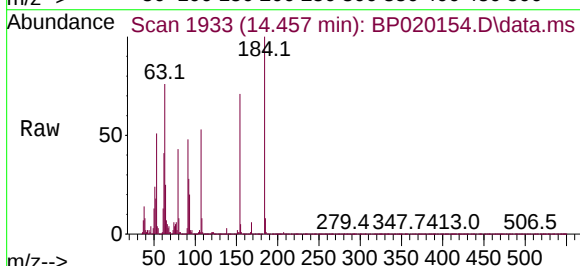
Tgt Ion:184 Resp: 83179

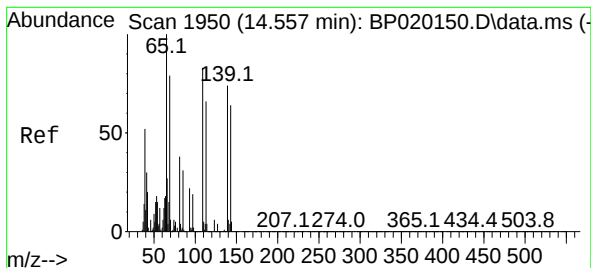
Ion Ratio Lower Upper

184 100

63 76.0 65.6 98.4

154 71.3 53.8 80.8

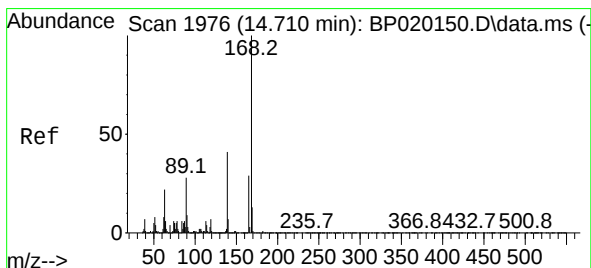
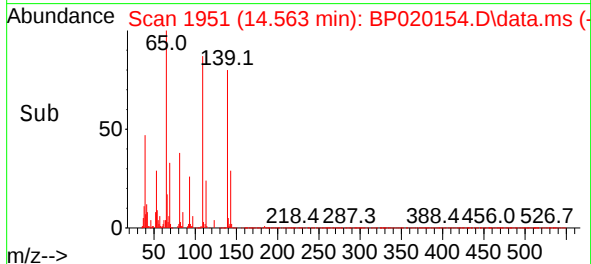
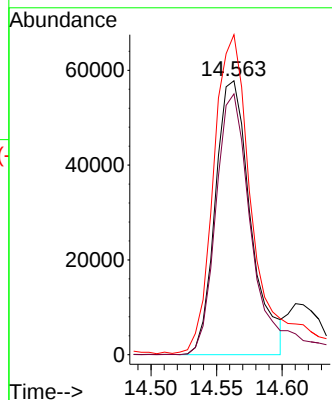
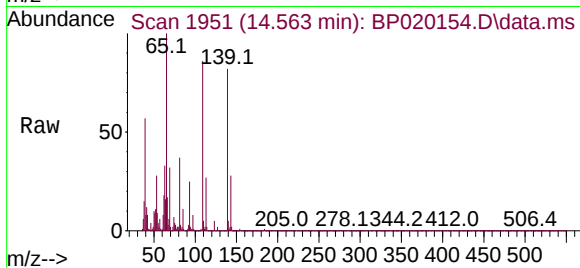




#55
4-Nitrophenol
Concen: 39.284 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

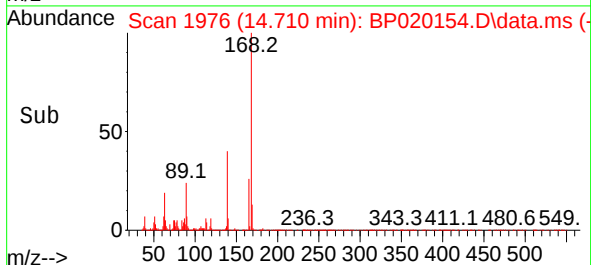
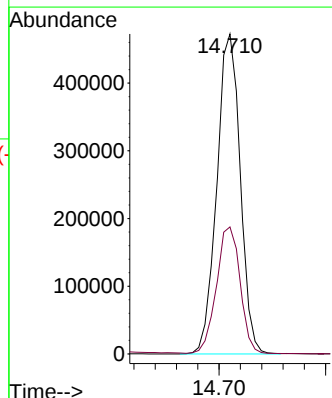
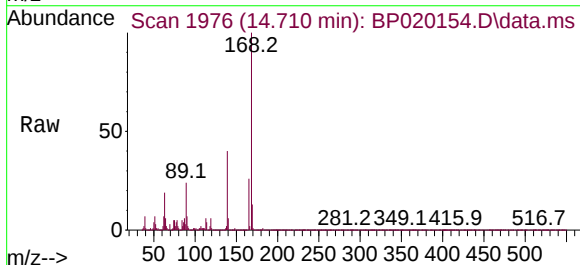
Instrument :
BNA_P
ClientSampleId :

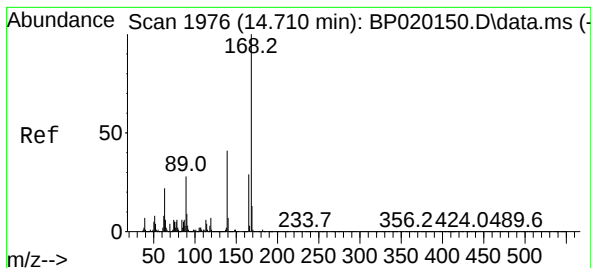
Tgt Ion:109 Resp: 108303
Ion Ratio Lower Upper
109 100
139 95.2 78.4 117.6
65 116.8 101.8 152.6



#56
Dibenzofuran
Concen: 36.337 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion:168 Resp: 718933
Ion Ratio Lower Upper
168 100
139 39.7 32.7 49.1





#57

2,4-Dinitrotoluene

Concen: 40.201 ng/ul

RT: 14.704 min Scan# 1976

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

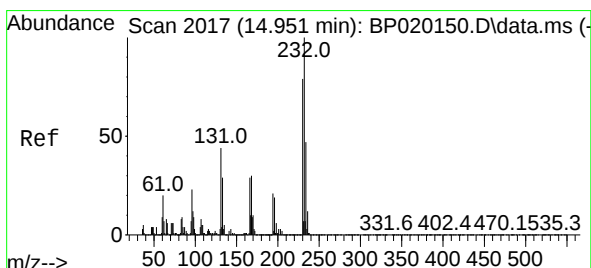
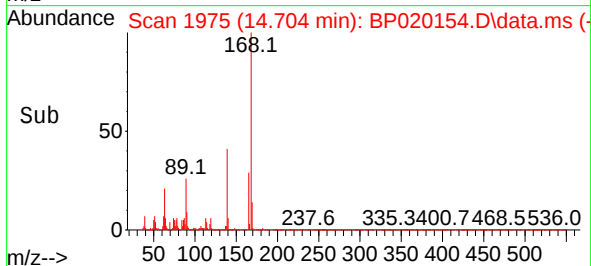
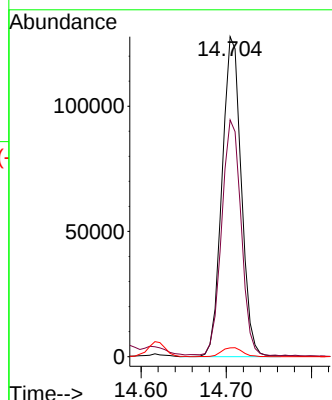
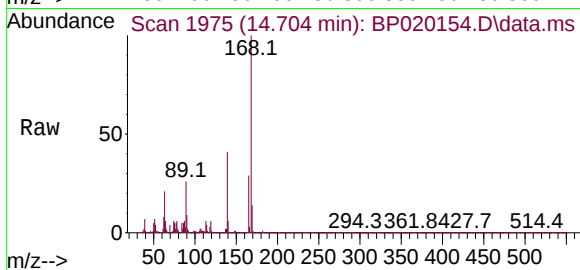
Tgt Ion:165 Resp: 199958

Ion Ratio Lower Upper

165 100

63 74.0 59.7 89.5

182 2.8 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.868 ng/ul

RT: 14.946 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Tgt Ion:232 Resp: 159926

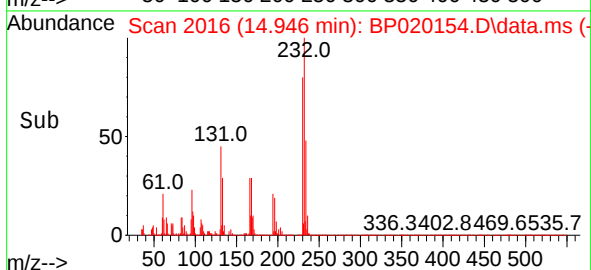
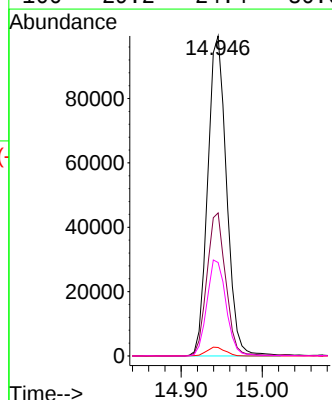
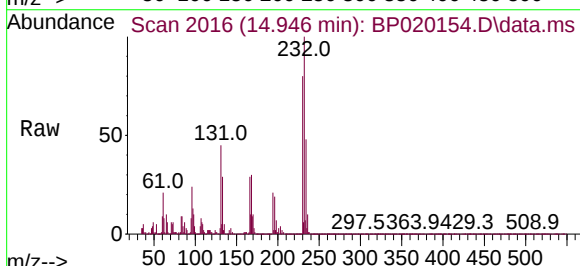
Ion Ratio Lower Upper

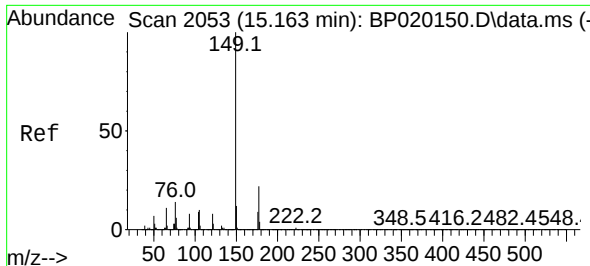
232 100

131 44.7 36.7 55.1

130 2.7 1.9 2.9

166 29.2 24.4 36.6





#59

Diethylphthalate

Concen: 37.919 ng/ul

RT: 15.157 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

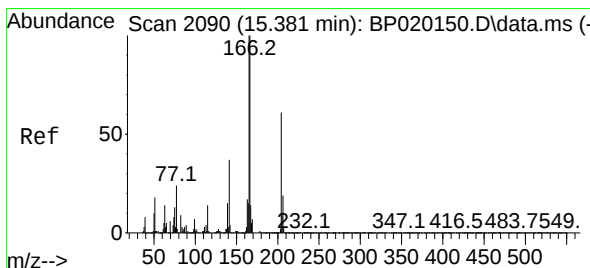
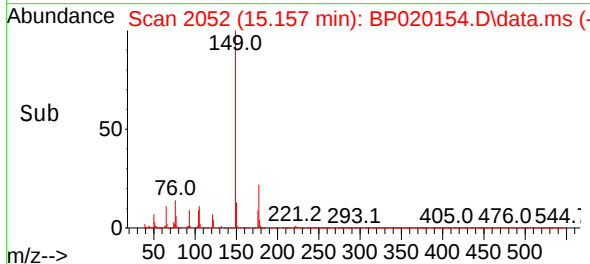
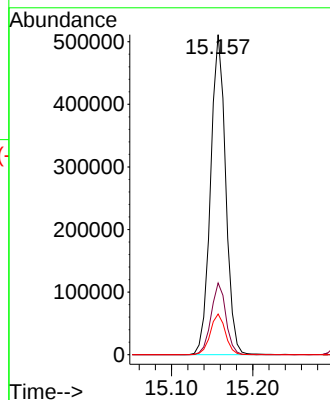
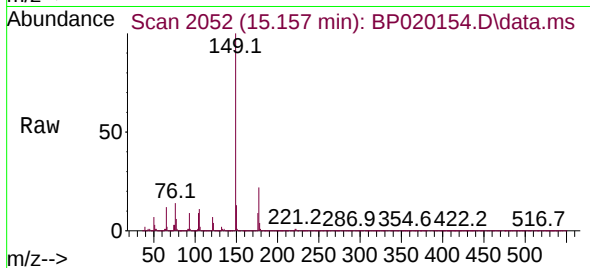
Tgt Ion:149 Resp: 658724

Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.7 10.2 15.2



#61

Fluorene

Concen: 36.277 ng/ul

RT: 15.375 min Scan# 2089

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

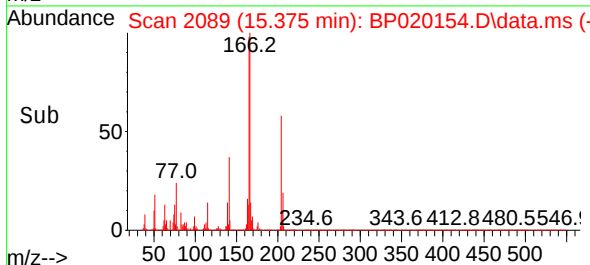
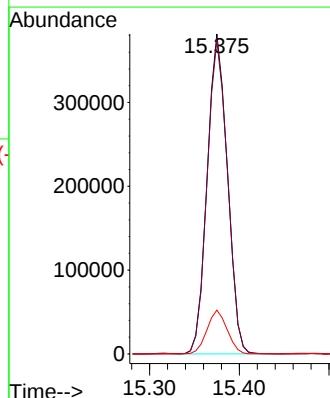
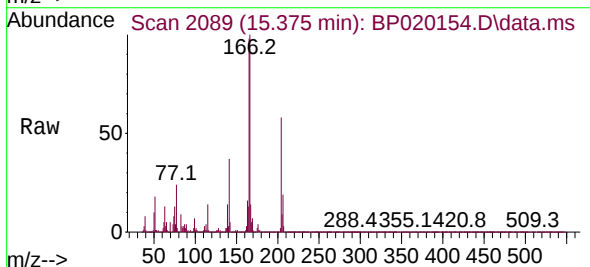
Tgt Ion:166 Resp: 596372

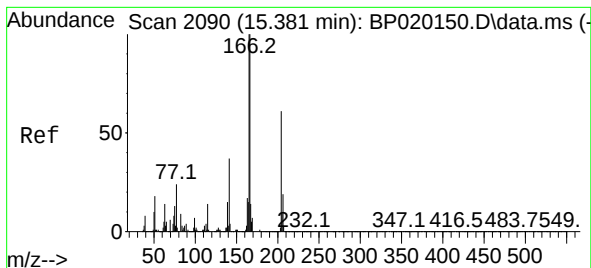
Ion Ratio Lower Upper

166 100

165 97.9 76.2 114.2

167 13.7 10.3 15.5

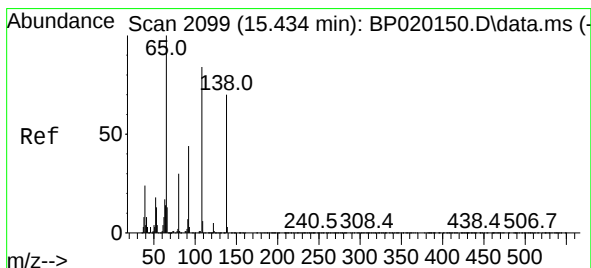
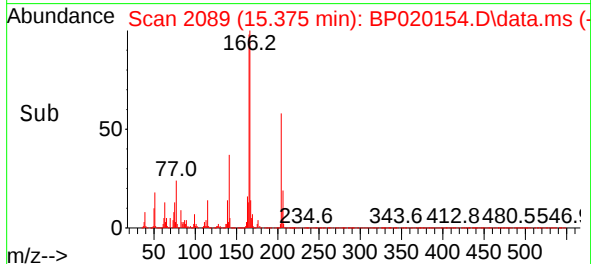
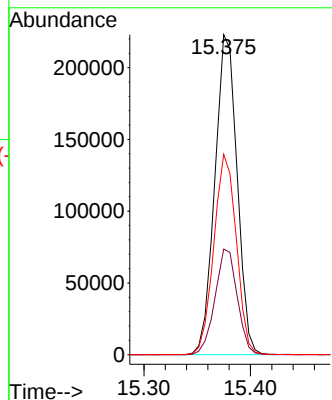
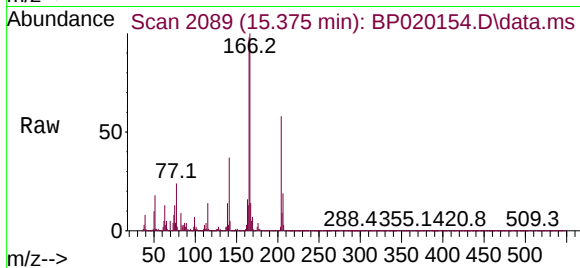




#62
4-Chlorophenyl-phenylether
Concen: 37.198 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

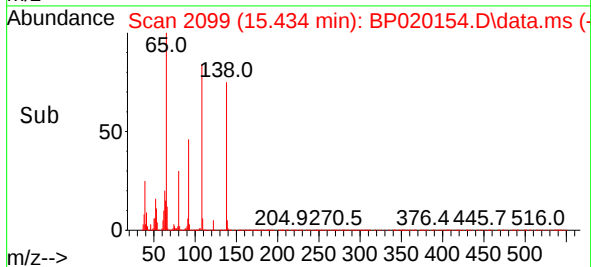
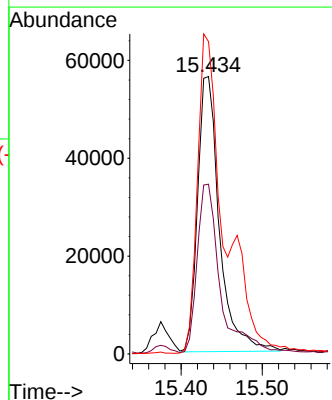
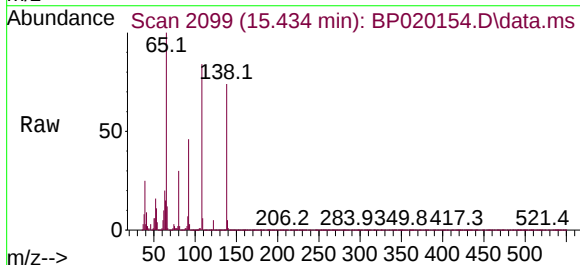
Instrument :
BNA_P
ClientSampleId :

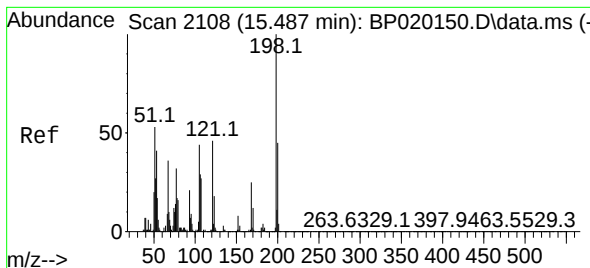
Tgt Ion:204 Resp: 324425
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.2
141 62.6 53.0 79.6



#63
4-Nitroaniline
Concen: 39.050 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion:138 Resp: 105008
Ion Ratio Lower Upper
138 100
92 61.2 47.6 71.4
108 112.6 90.5 135.7

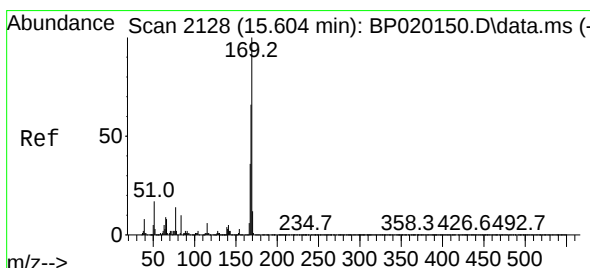
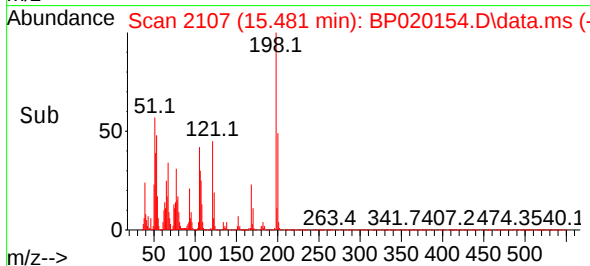
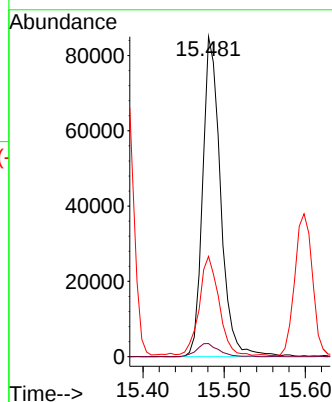
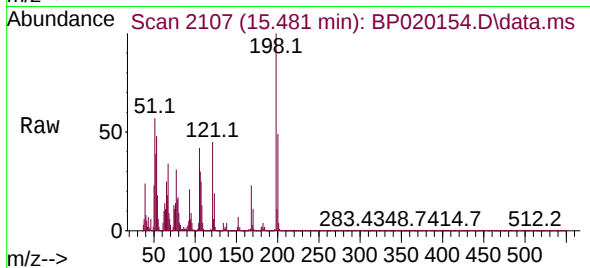




#66
4,6-Dinitro-2-methylphenol
Concen: 38.855 ng/ul
RT: 15.481 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

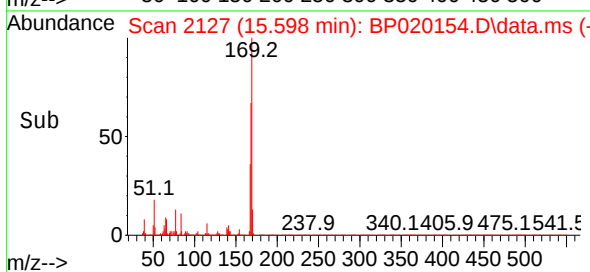
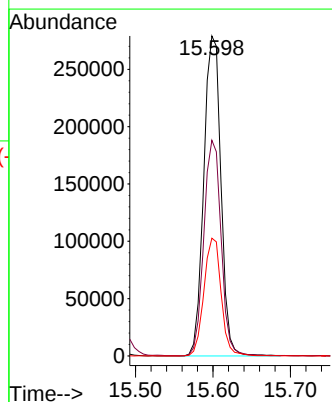
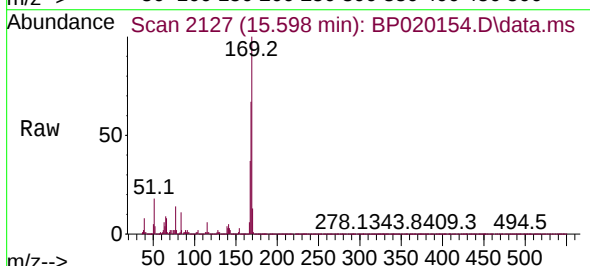
Instrument :
BNA_P
ClientSampleId :

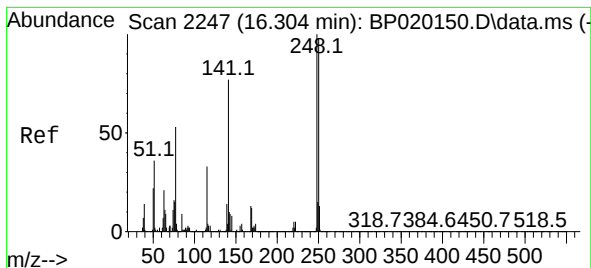
Tgt Ion:198 Resp: 130422
Ion Ratio Lower Upper
198 100
182 4.1 3.3 4.9
77 31.4 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 30.361 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP020154.D
Acq: 02 May 2024 20:42

Tgt Ion:169 Resp: 428819
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 36.8 29.0 43.6





#68

4-Bromophenyl-phenylether

Concen: 37.099 ng/ul

RT: 16.293 min Scan# 2245

Delta R.T. -0.012 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

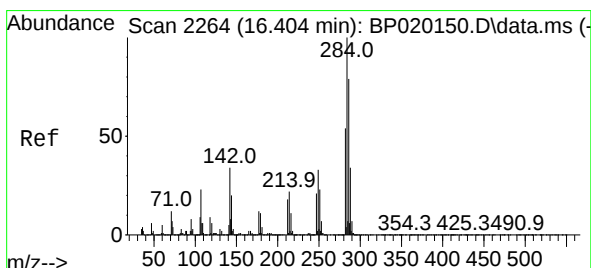
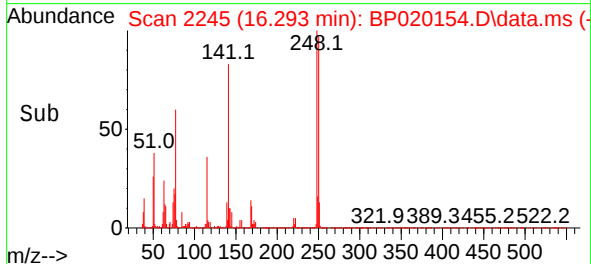
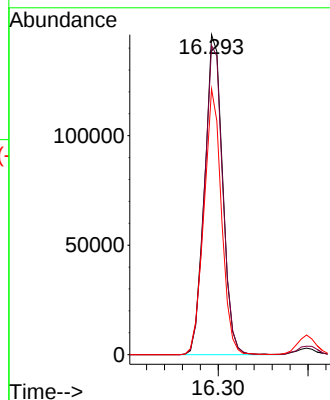
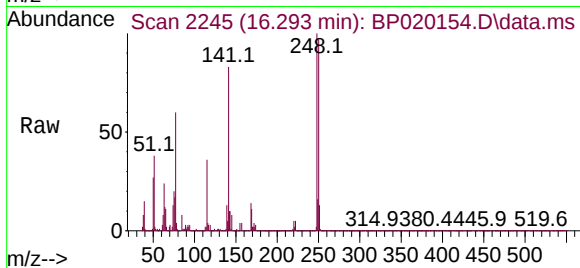
Tgt Ion:248 Resp: 203845

Ion Ratio Lower Upper

248 100

250 96.6 76.2 114.4

141 83.0 57.2 85.8



#69

Hexachlorobenzene

Concen: 36.740 ng/ul

RT: 16.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

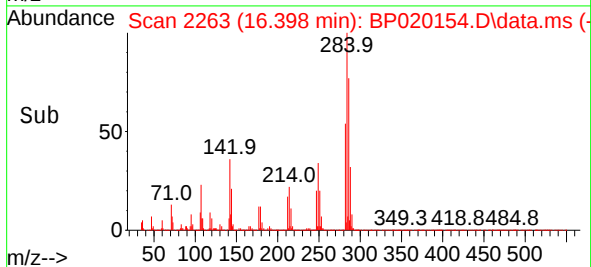
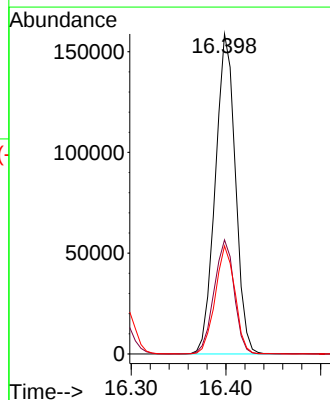
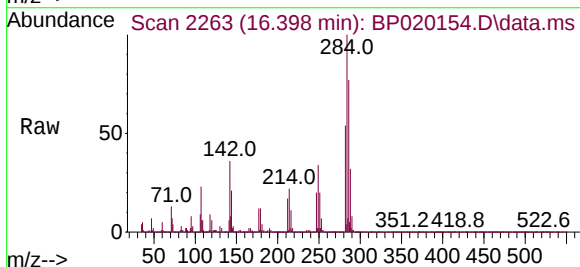
Tgt Ion:284 Resp: 233816

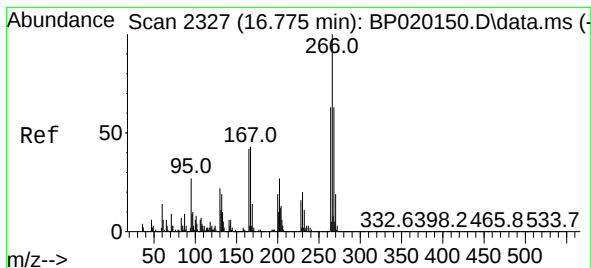
Ion Ratio Lower Upper

284 100

142 35.7 27.8 41.8

249 33.7 25.4 38.0





#71

Pentachlorophenol

Concen: 34.697 ng/ul

RT: 16.769 min Scan# 2327

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

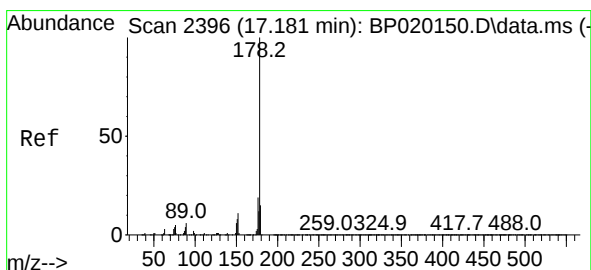
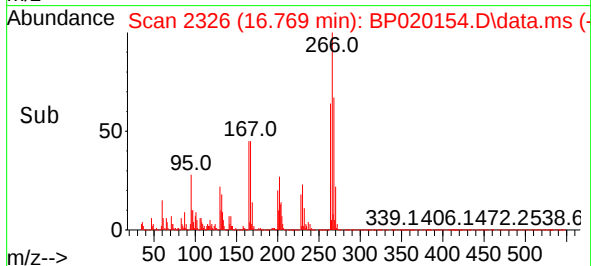
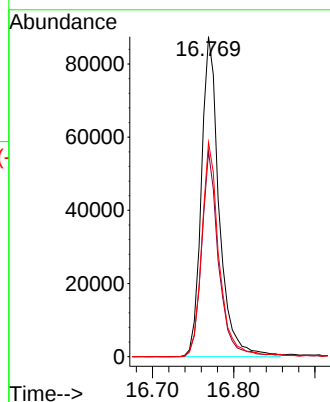
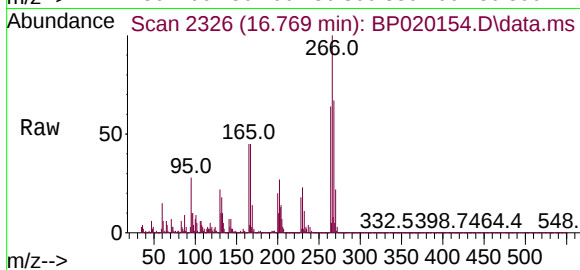
Tgt Ion:266 Resp: 133468

Ion Ratio Lower Upper

266 100

264 64.2 49.8 74.6

268 67.0 50.4 75.6



#72

Phenanthrene

Concen: 36.899 ng/ul

RT: 17.181 min Scan# 2396

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

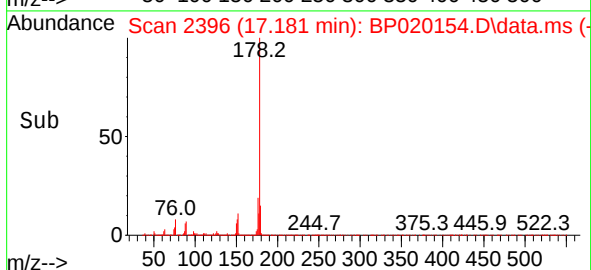
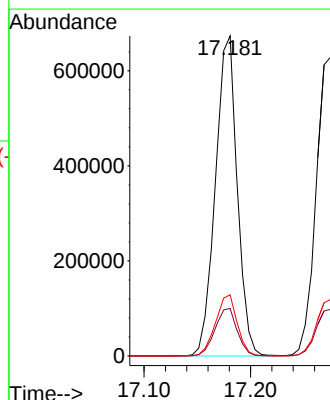
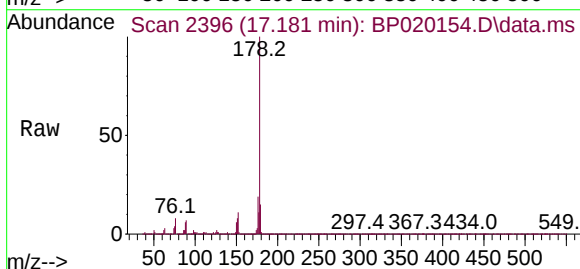
Tgt Ion:178 Resp: 955003

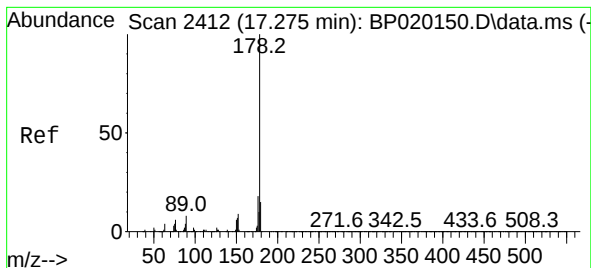
Ion Ratio Lower Upper

178 100

179 14.8 13.0 19.6

176 19.1 15.2 22.8





#74

Anthracene

Concen: 37.409 ng/ul

RT: 17.275 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

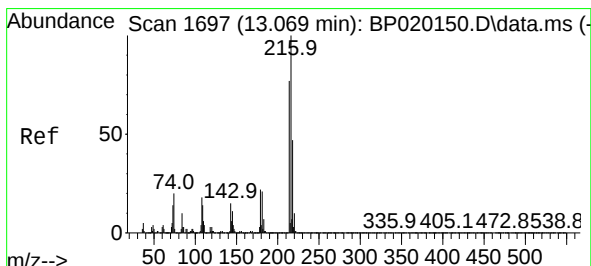
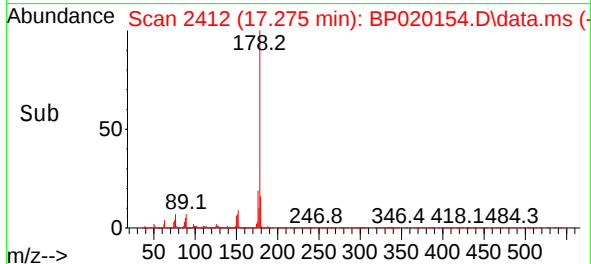
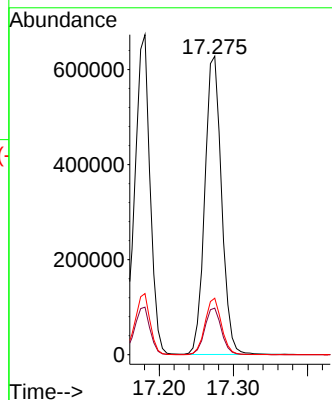
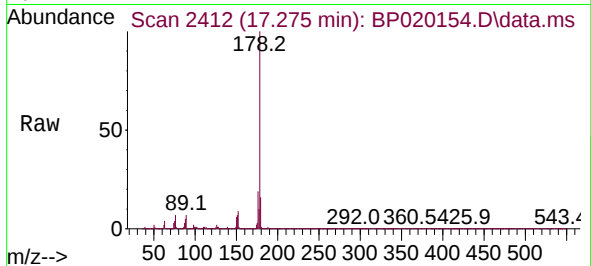
Tgt Ion:178 Resp: 984774

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

176 18.9 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.426 ng/uL

RT: 13.069 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

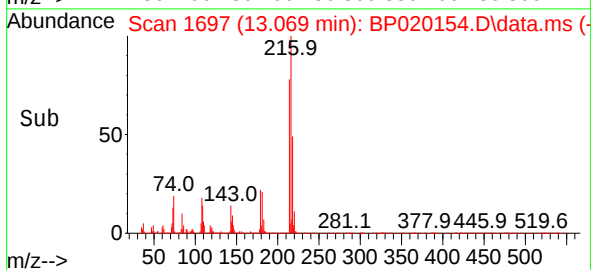
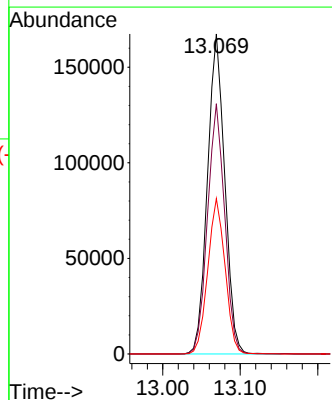
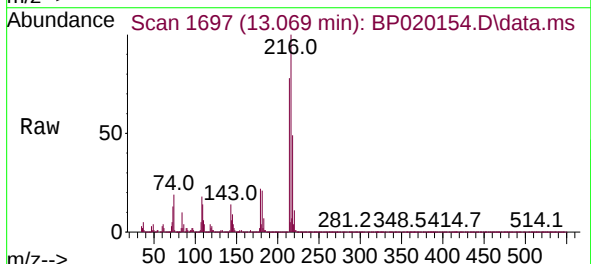
Tgt Ion:216 Resp: 259541

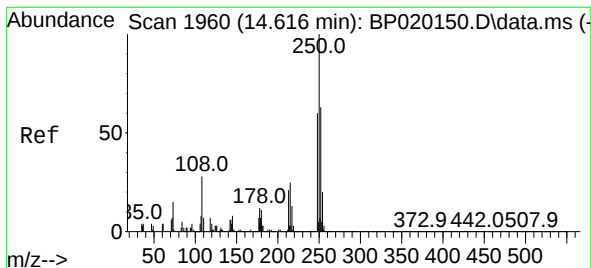
Ion Ratio Lower Upper

216 100

214 78.2 60.1 90.1

218 48.6 38.7 58.1





#76

Pentachlorobenzene

Concen: 35.210 ng/uL

RT: 14.622 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

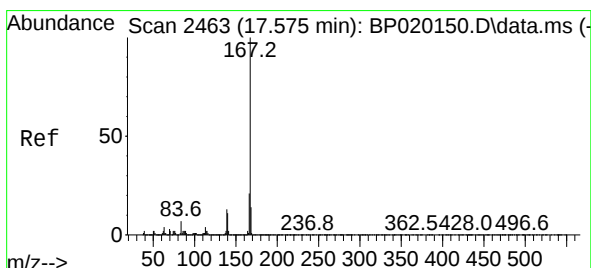
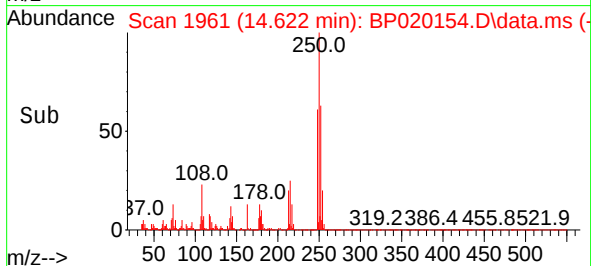
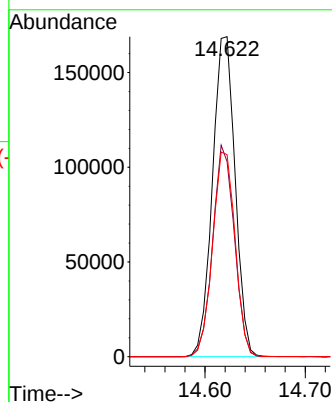
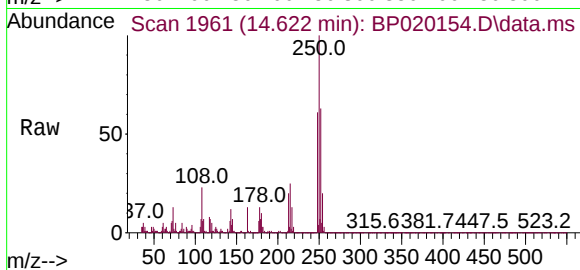
Tgt Ion:250 Resp: 265642

Ion Ratio Lower Upper

250 100

248 60.9 51.0 76.6

252 63.2 52.1 78.1



#77

Carbazole

Concen: 33.282 ng/uL

RT: 17.575 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

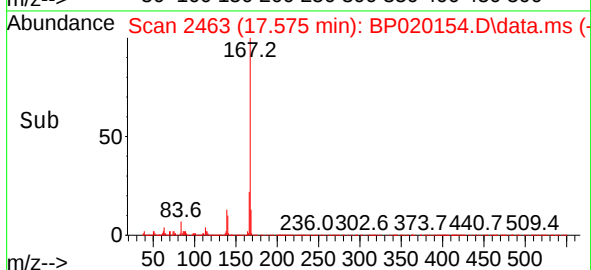
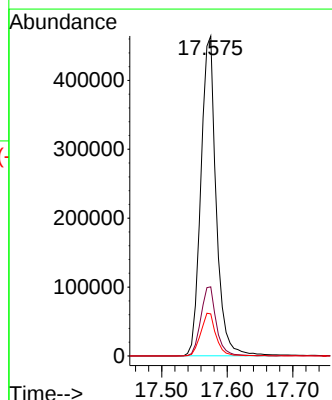
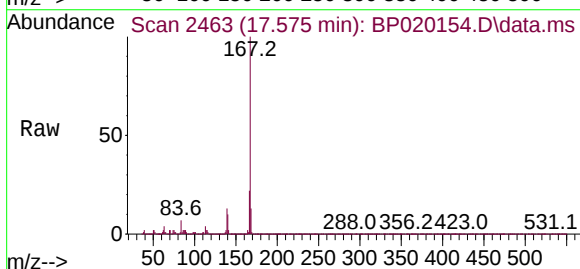
Tgt Ion:167 Resp: 754743

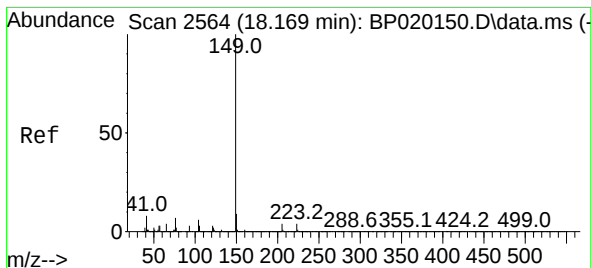
Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.1 11.0 16.4





#78

Di-n-butylphthalate

Concen: 39.850 ng/ul

RT: 18.163 min Scan# 2564

Delta R.T. -0.006 min

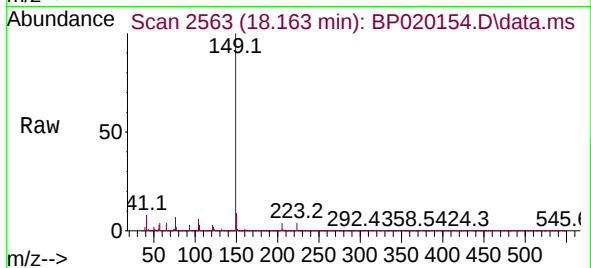
Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :



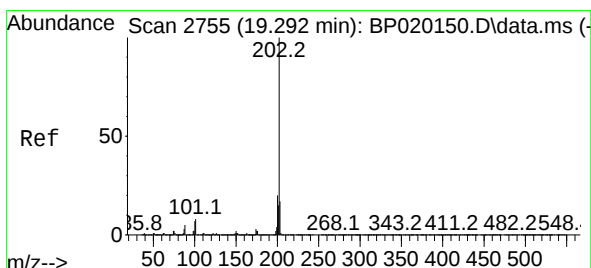
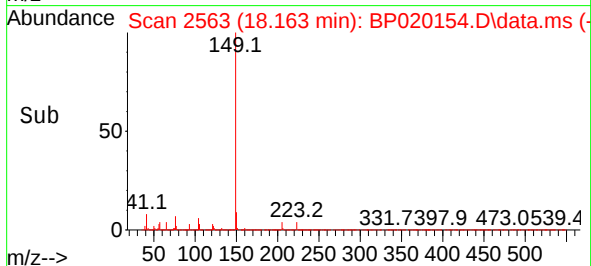
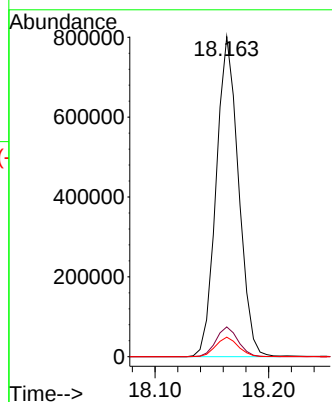
Tgt Ion:149 Resp: 1095391

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 6.1 5.0 7.6



#80

Fluoranthene

Concen: 40.857 ng/ul

RT: 19.286 min Scan# 2754

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

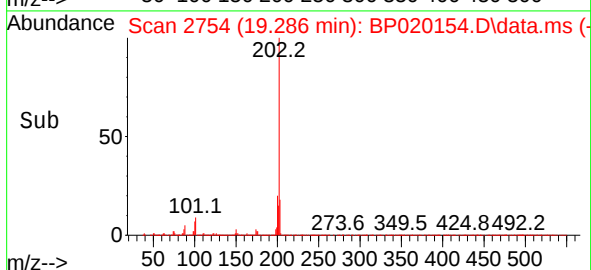
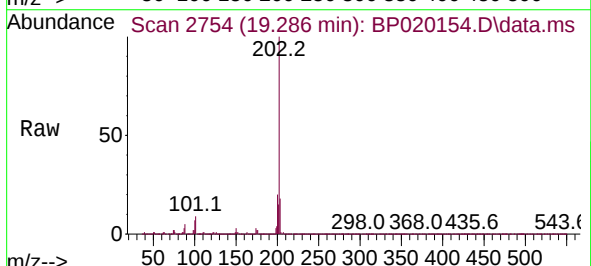
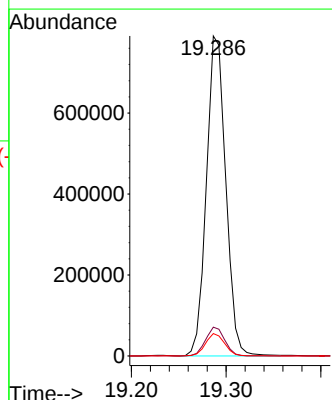
Tgt Ion:202 Resp: 1119938

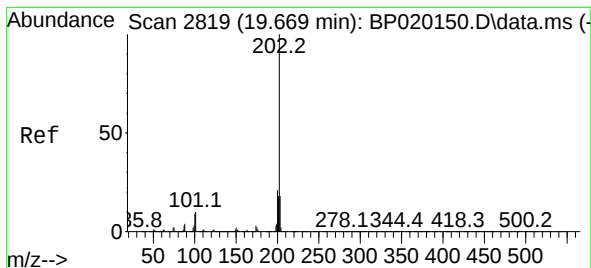
Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

100 7.0 5.5 8.3





#82

Pyrene

Concen: 40.438 ng/ul

RT: 19.669 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

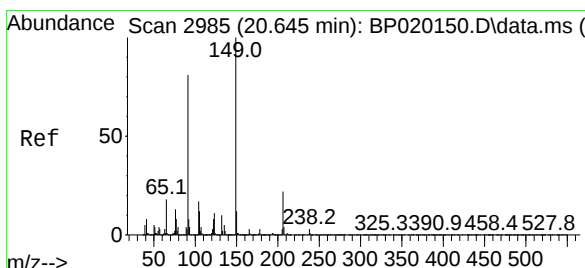
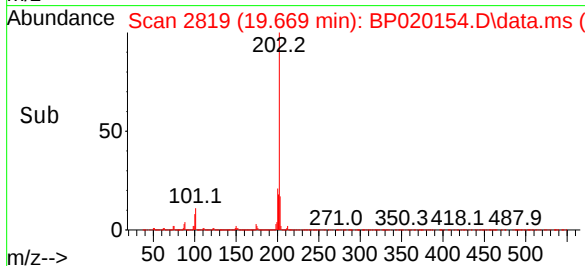
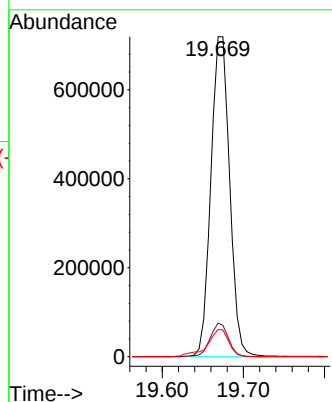
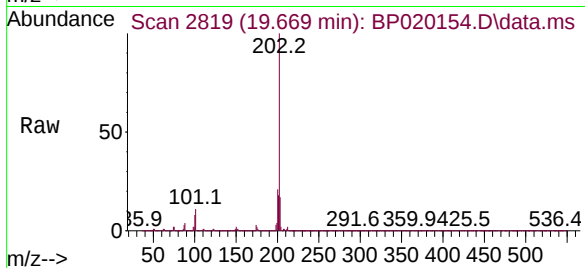
Tgt Ion:202 Resp: 1153317

Ion Ratio Lower Upper

202 100

101 10.5 8.1 12.1

100 8.5 6.8 10.2



#83

Butylbenzylphthalate

Concen: 40.334 ng/ul

RT: 20.651 min Scan# 2986

Delta R.T. 0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

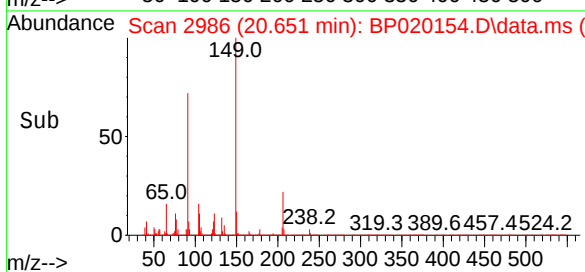
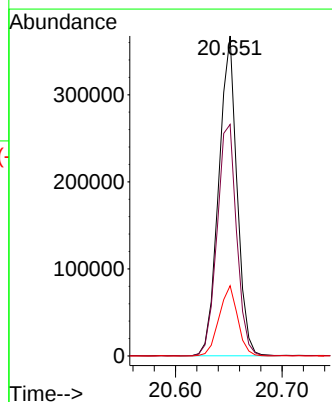
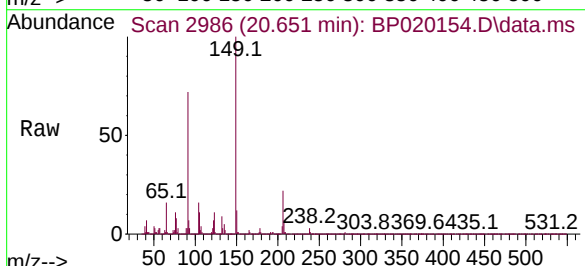
Tgt Ion:149 Resp: 436670

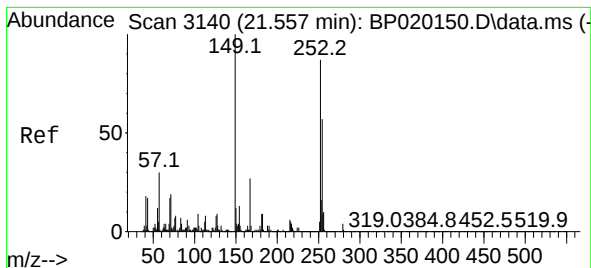
Ion Ratio Lower Upper

149 100

91 72.3 62.7 94.1

206 22.0 17.3 25.9





#84

3,3'-Dichlorobenzidine

Concen: 2.278 ng/ul

RT: 21.557 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

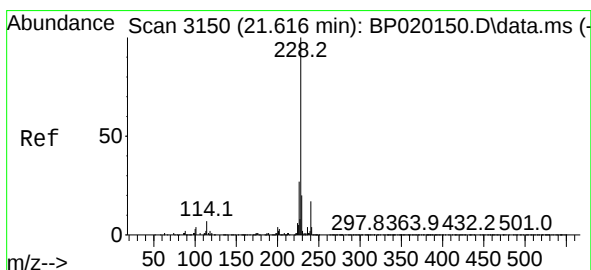
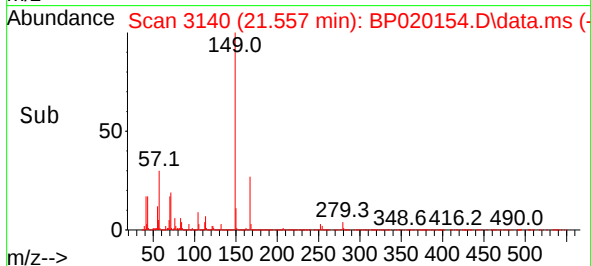
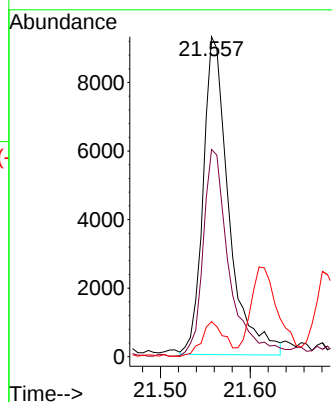
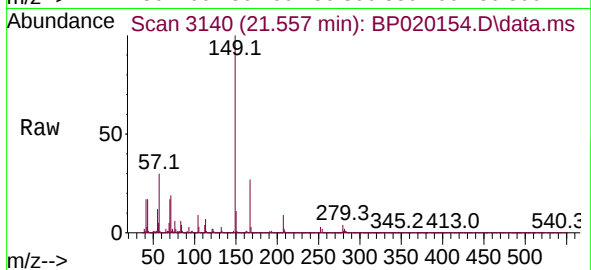
Tgt Ion:252 Resp: 18477

Ion Ratio Lower Upper

252 100

254 64.7 50.2 75.4

126 11.0 7.3 10.9#



#85

Benzo(a)anthracene

Concen: 37.392 ng/ul

RT: 21.616 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

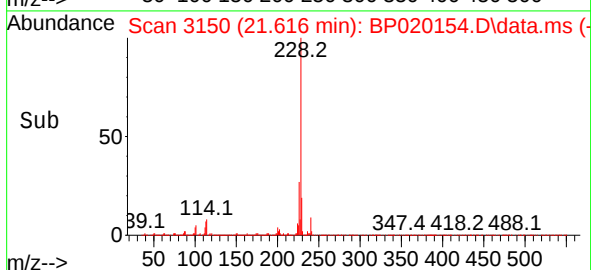
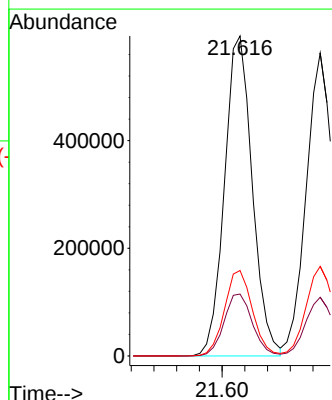
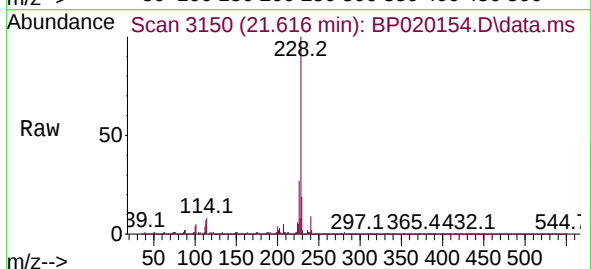
Tgt Ion:228 Resp: 1010547

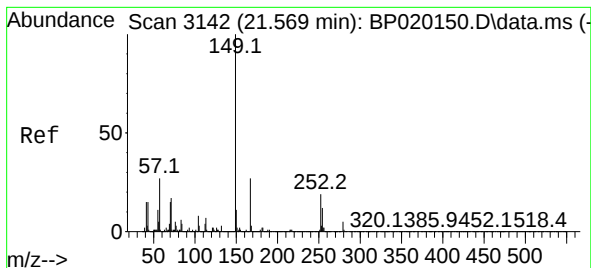
Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.8

226 26.7 21.5 32.3





#86

Bis(2-ethylhexyl)phthalate

Concen: 37.177 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

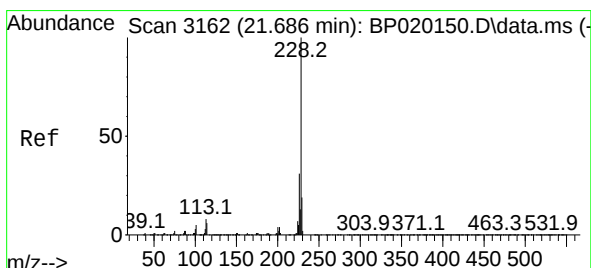
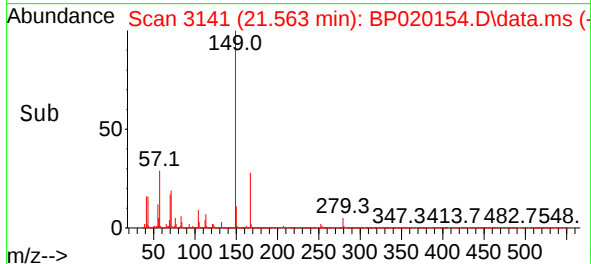
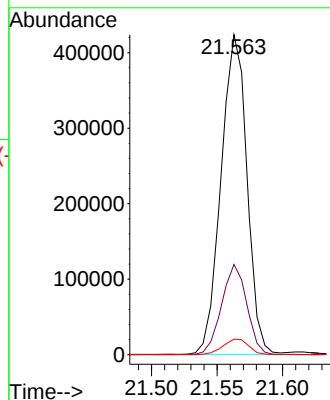
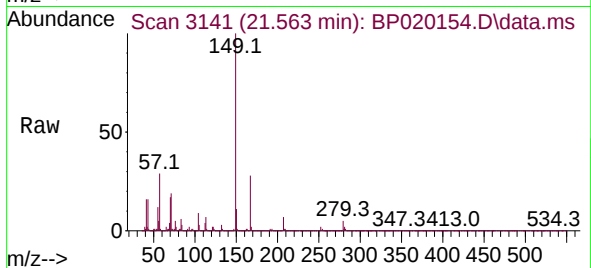
Tgt Ion:149 Resp: 580658

Ion Ratio Lower Upper

149 100

167 28.2 21.4 32.0

279 4.9 3.4 5.2



#87

Chrysene

Concen: 37.740 ng/ul

RT: 21.686 min Scan# 3162

Delta R.T. 0.000 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

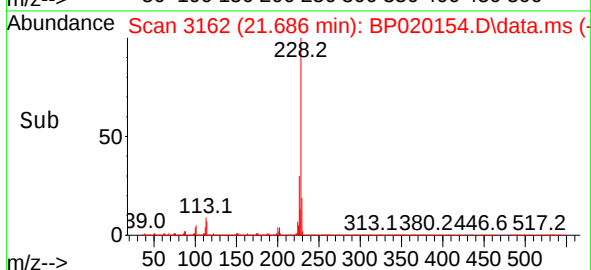
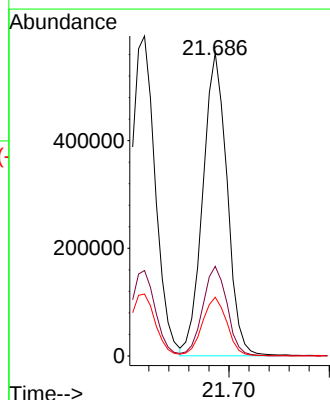
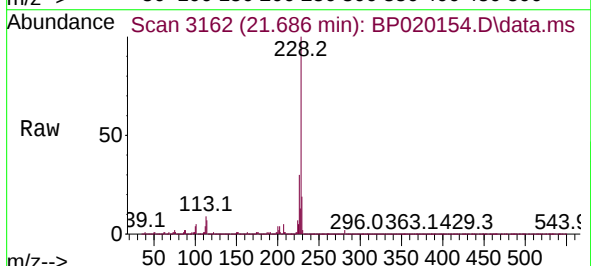
Tgt Ion:228 Resp: 945316

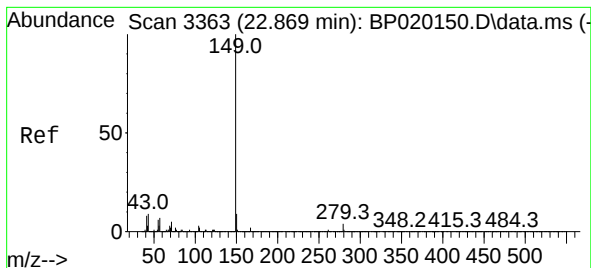
Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

229 19.4 15.9 23.9





#89

Di-n-octyl phthalate

Concen: 42.997 ng/ul

RT: 22.863 min Scan# 341

Delta R.T. -0.006 min

Lab File: BP020154.D

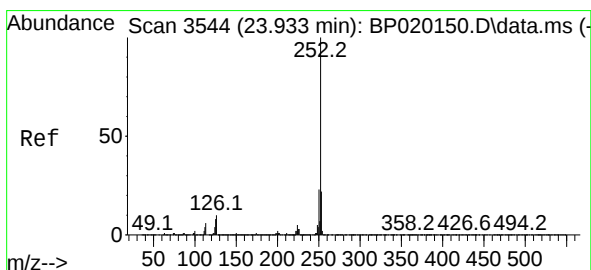
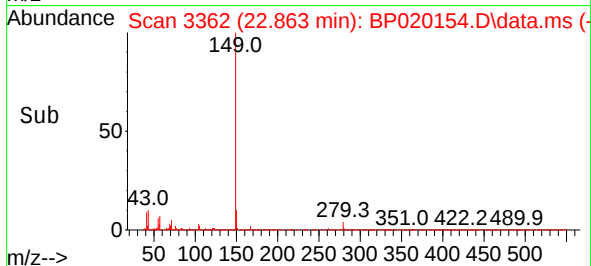
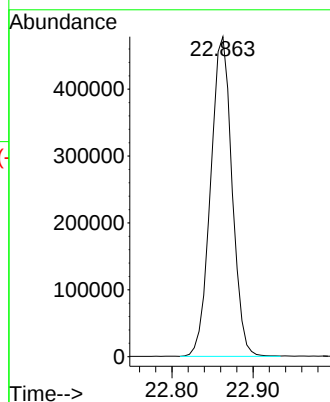
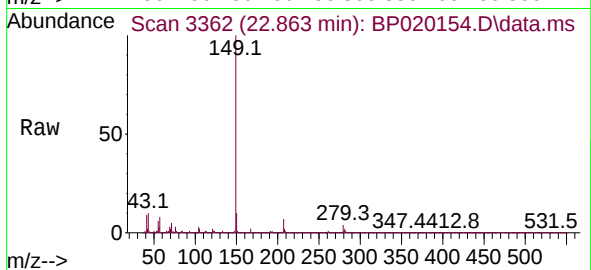
Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 873934



#90

Benzo(b)fluoranthene

Concen: 43.499 ng/ul

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

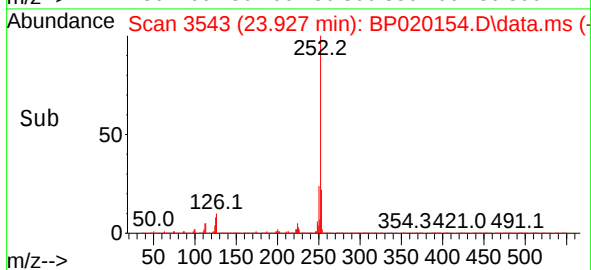
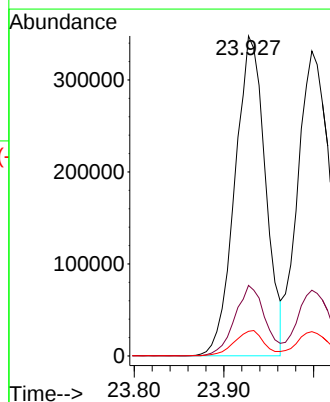
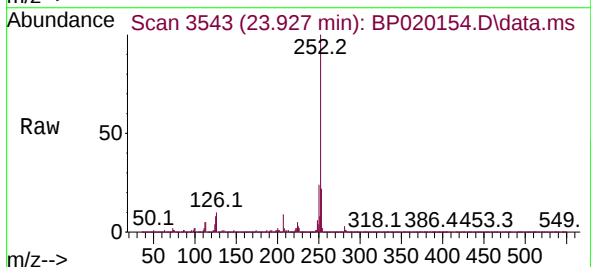
Tgt Ion:252 Resp: 821233

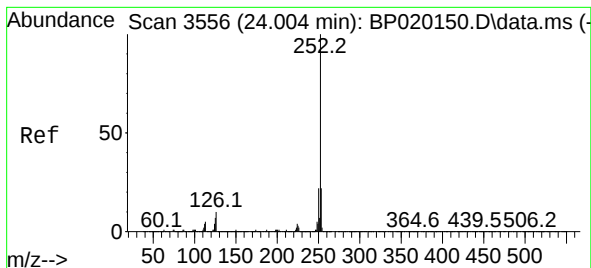
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.7 6.2 9.2





#91

Benzo(k)fluoranthene

Concen: 43.167 ng/ul

RT: 23.998 min Scan# 3555

Delta R.T. -0.006 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

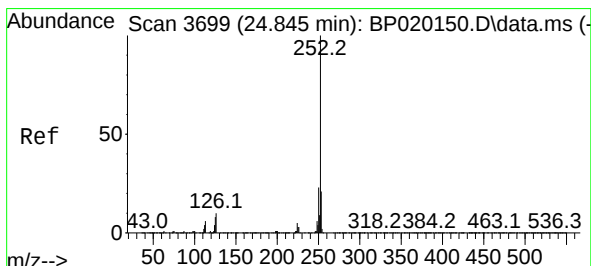
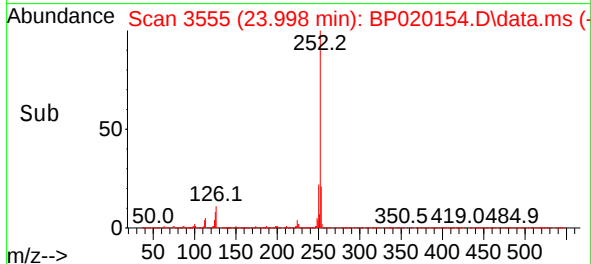
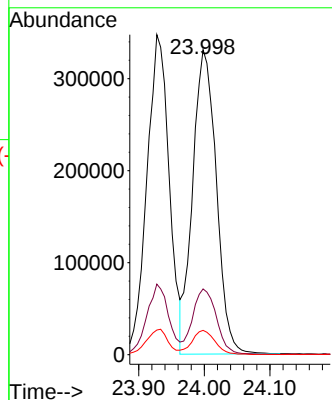
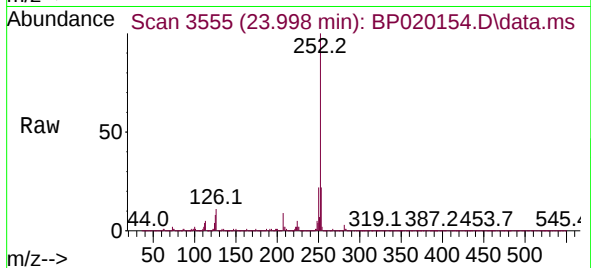
Tgt Ion:252 Resp: 830523

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.0 5.6 8.4



#93

Benzo(a)pyrene

Concen: 41.637 ng/ul

RT: 24.827 min Scan# 3696

Delta R.T. -0.018 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

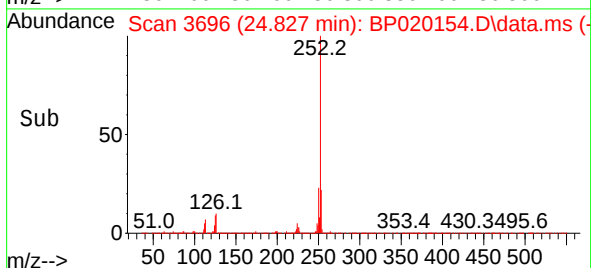
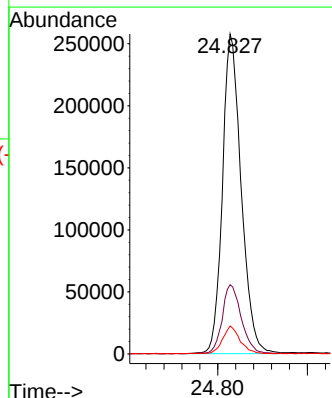
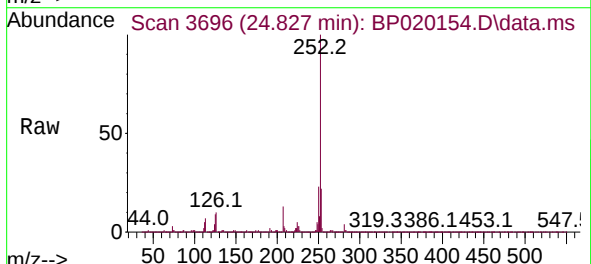
Tgt Ion:252 Resp: 747968

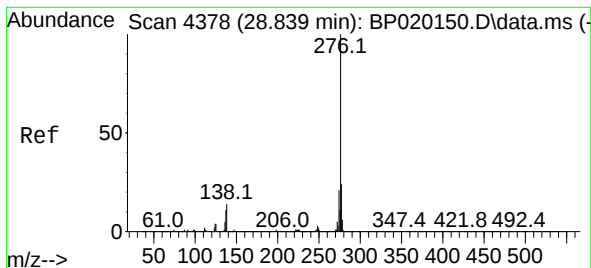
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.7 6.6 10.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 16.412 ng/ul

RT: 28.809 min Scan# 4378

Delta R.T. -0.029 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

Instrument :

BNA_P

ClientSampleId :

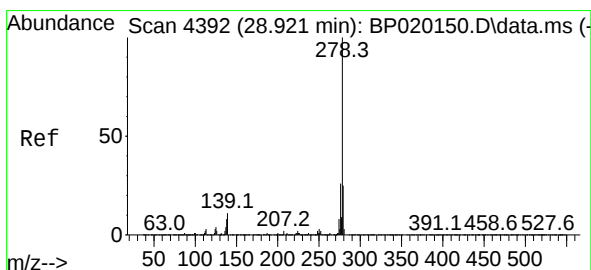
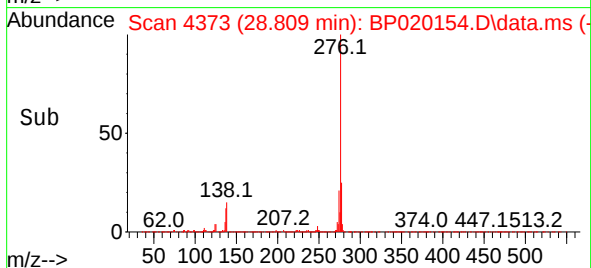
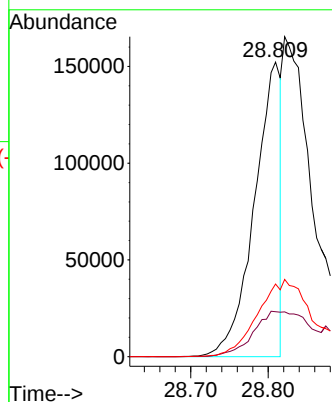
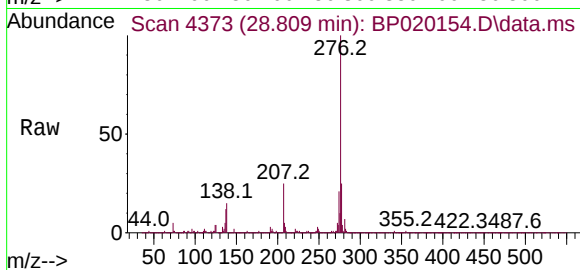
Tgt Ion:276 Resp: 361422

Ion Ratio Lower Upper

276 100

138 15.3 12.3 18.5

277 24.6 19.0 28.4



#95

Dibenzo(a,h)anthracene

Concen: 25.241 ng/ul

RT: 28.892 min Scan# 4387

Delta R.T. -0.029 min

Lab File: BP020154.D

Acq: 02 May 2024 20:42

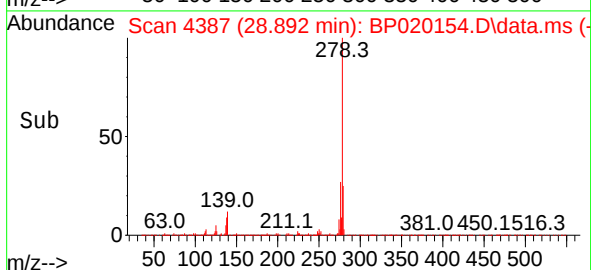
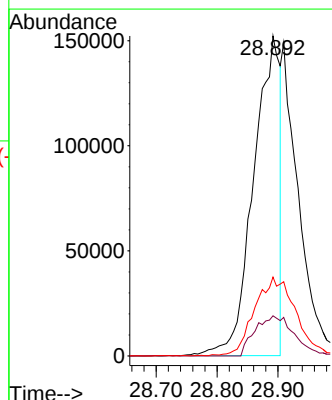
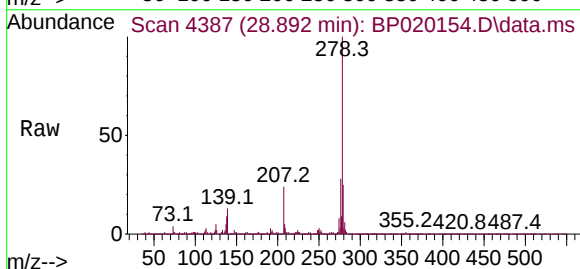
Tgt Ion:278 Resp: 459745

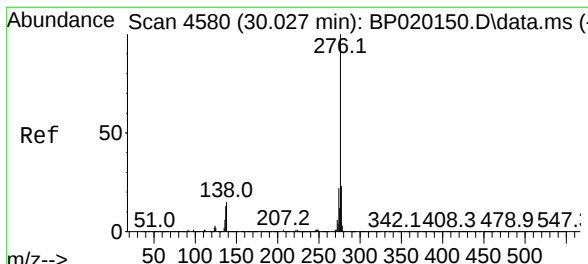
Ion Ratio Lower Upper

278 100

139 12.6 10.2 15.2

279 24.6 19.3 28.9





#96
 Benzo(g,h,i)perylene
 Concen: 15.605 ng/ul
 RT: 29.974 min Scan# 4571
 Delta R.T. -0.053 min
 Lab File: BP020154.D
 Acq: 02 May 2024 20:42

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 276 Resp: 277148

Ion	Ratio	Lower	Upper
276	100		
138	15.9	11.6	17.4
277	24.5	19.4	29.0

