

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
 Data File : BP022258.D
 Acq On : 07 Oct 2024 17:22
 Operator : RC/JU
 Sample : SST01044
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010622

Quant Time: Oct 08 01:04:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 00:58:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	80659	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	292383	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	216587	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	519304	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	592615	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	727811	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	9128	4.433	ng/uL	0.00
4) Pyridine-d5	3.640	84	58381	9.918	ng/u1	0.00
7) Phenol-d5	6.887	99	65600	9.942	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	41652	10.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	49830	10.438	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	51503	9.851	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	22962	10.493	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	26093	10.516	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	58017	10.767	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	67579	10.511	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	182571	10.905	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	193157	10.897	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	27108	9.466	ng/u1	0.00
60) Fluorene-d10	15.322	176	161065	10.876	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	31449	9.754	ng/u1	-0.01
73) Anthracene-d10	17.210	188	260147	10.731	ng/u1	0.00
81) Pyrene-d10	19.592	212	331191	10.787	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	410758	10.730	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	9250	4.147	ng/uL	93
5) Pyridine	3.658	79	60852	10.176	ng/u1	99
6) Benzaldehyde	6.857	77	42888	11.491	ng/u1	97
8) Phenol	6.910	94	69281	10.062	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.134	93	52457	9.954	ng/u1	92
12) 2-Chlorophenol	7.275	128	50995	10.304	ng/u1	98
13) 2-Methylphenol	8.140	108	48493	9.711	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.210	45	65279	13.353	ng/u1	99
16) Acetophenone	8.516	105	90865	10.448	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.499	70	46644	10.346	ng/u1	97
18) 4-Methylphenol	8.463	108	55701	10.228	ng/u1	99
19) Hexachloroethane	8.763	117	24997	10.700	ng/u1	91
22) Nitrobenzene	8.881	77	71530	10.691	ng/u1	98
23) Isophorone	9.404	82	126278	10.896	ng/u1	99
25) 2-Nitrophenol	9.587	139	29275	11.027	ng/u1	99
26) 2,4-Dimethylphenol	9.651	107	65292	10.856	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.875	93	73154	10.951	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	57104	10.667	ng/u1	97
30) Naphthalene	10.510	128	168179	10.932	ng/u1	98
32) 4-Chloroaniline	10.616	127	66353	10.420	ng/u1	97
33) Hexachlorobutadiene	10.793	225	51128	10.757	ng/u1	99
34) Caprolactam	11.398	113	16479	10.147	ng/u1	96
35) 4-Chloro-3-methylphenol	11.745	107	61241	10.574	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	119519	10.454	ng/u1	100

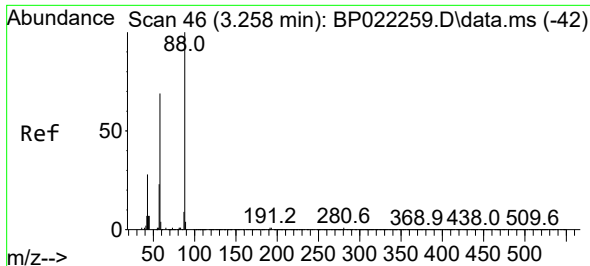
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	122067	10.586	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	88539	11.026	ng/ul	93
40) Hexachlorocyclopentadiene	12.475	237	50819	10.061	ng/ul	95
41) 2,4,6-Trichlorophenol	12.740	196	53682	11.183	ng/ul	100
42) 2,4,5-Trichlorophenol	12.810	196	55120	10.603	ng/ul	94
43) 1,1'-Biphenyl	13.139	154	173402	11.196	ng/ul	100
44) 2-Chloronaphthalene	13.181	162	139577	11.193	ng/ul	98
45) 2-Nitroaniline	13.381	65	38307	10.624	ng/ul	99
47) Dimethylphthalate	13.757	163	185949	11.058	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	32956	10.223	ng/ul	95
50) Acenaphthylene	14.028	152	199835	10.811	ng/ul	99
51) 3-Nitroaniline	14.228	138	29821	10.160	ng/ul	99
52) Acenaphthene	14.375	153	144895	10.788	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	19839	9.044	ng/ul	98
55) 4-Nitrophenol	14.545	109	31484	9.717	ng/ul	94
56) Dibenzofuran	14.716	168	220732	11.054	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	53677	10.805	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	14.957	232	50981	10.188	ng/ul	98
59) Diethylphthalate	15.145	149	174020	10.456	ng/ul	99
61) Fluorene	15.375	166	176367	10.620	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.369	204	100493	10.511	ng/ul	99
63) 4-Nitroaniline	15.392	138	31557	10.564	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	34975	9.964	ng/ul#	97
67) N-Nitrosodiphenylamine	15.592	169	151625	11.086	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	67296	10.791	ng/ul	95
69) Hexachlorobenzene	16.404	284	83578	11.037	ng/ul	97
70) Atrazine	16.569	200	66573	10.911	ng/ul	96
71) Pentachlorophenol	16.757	266	47117	9.326	ng/ul	97
72) Phenanthrene	17.151	178	299068	10.984	ng/ul	99
74) Anthracene	17.245	178	294613	10.633	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	87998	11.292	ng/uL	97
76) Pentachlorobenzene	14.645	250	97282	11.352	ng/uL	99
77) Carbazole	17.522	167	261612	10.713	ng/ul	99
78) Di-n-butylphthalate	18.122	149	284812	10.116	ng/ul	99
80) Fluoranthene	19.245	202	381050	10.859	ng/ul	98
82) Pyrene	19.621	202	416248	11.020	ng/ul	99
83) Butylbenzylphthalate	20.574	149	139253	10.578	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	149852	11.044	ng/ul	95
85) Benzo(a)anthracene	21.521	228	444701	10.889	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	208537	10.797	ng/ul	98
87) Chrysene	21.592	228	416266	10.860	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	353971	9.845	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	485719	10.751	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	475856	10.568	ng/ul	99
93) Benzo(a)pyrene	24.674	252	441258	10.599	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.556	276	600415	11.061	ng/ul	99
95) Dibenzo(a,h)anthracene	28.621	278	287077	6.565	ng/ul	99
96) Benzo(g,h,i)perylene	29.703	276	457624	10.865	ng/ul	98

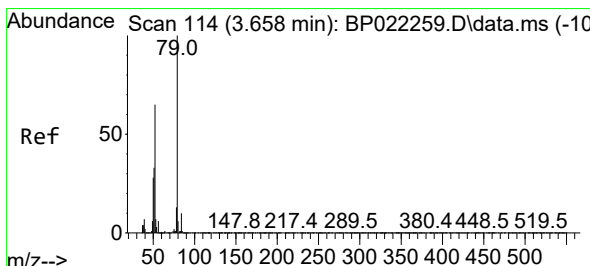
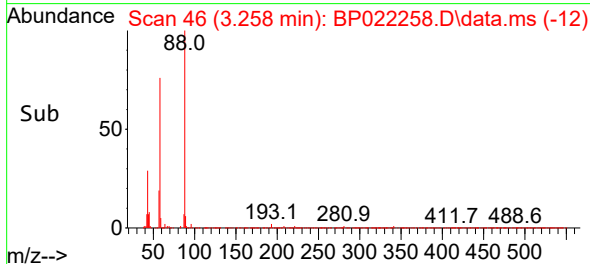
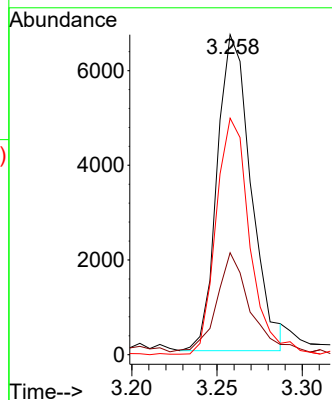
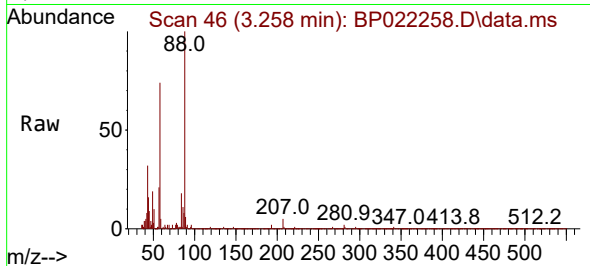
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#2
 1,4-Dioxane
 Concen: 4.147 ng/uL
 RT: 3.258 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP022258.D
 Acq: 07 Oct 2024 17:22

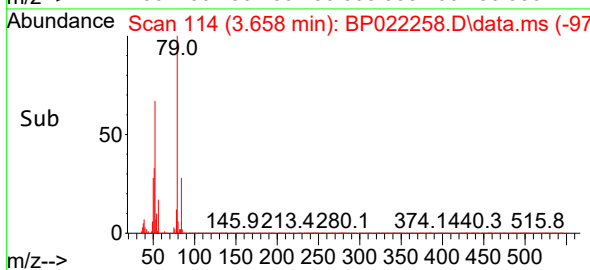
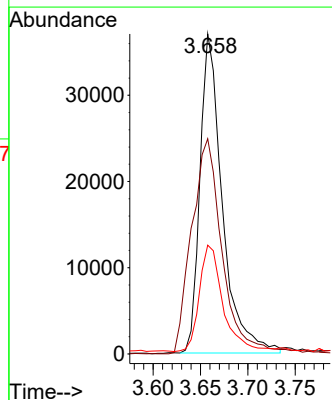
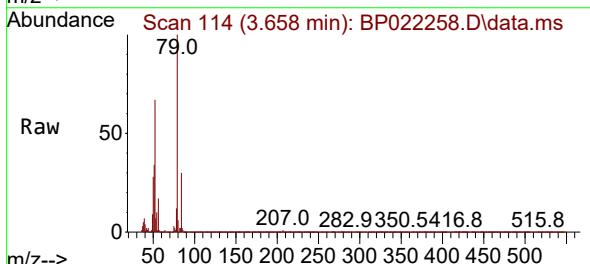
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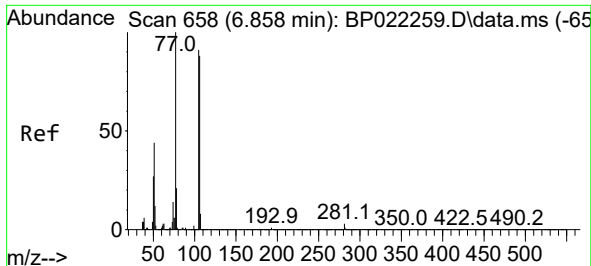
Tgt Ion: 88 Resp: 9250
 Ion Ratio Lower Upper
 88 100
 43 31.9 22.3 33.5
 58 73.9 54.7 82.1



#5
 Pyridine
 Concen: 10.176 ng/uL
 RT: 3.658 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: BP022258.D
 Acq: 07 Oct 2024 17:22

Tgt Ion: 79 Resp: 60852
 Ion Ratio Lower Upper
 79 100
 52 67.2 53.9 80.9
 51 34.0 26.3 39.5

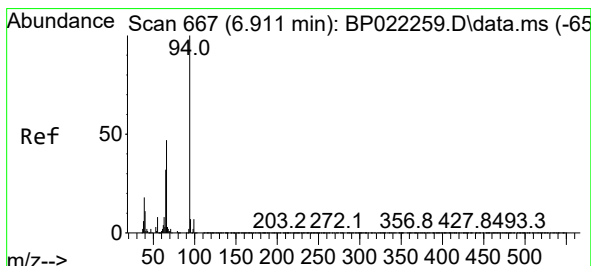
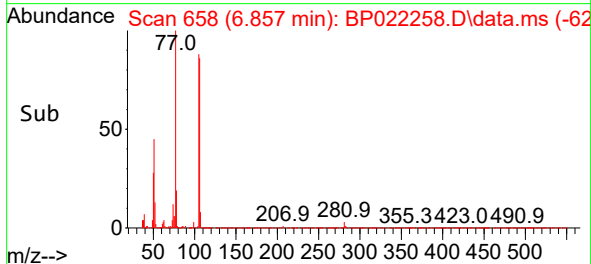
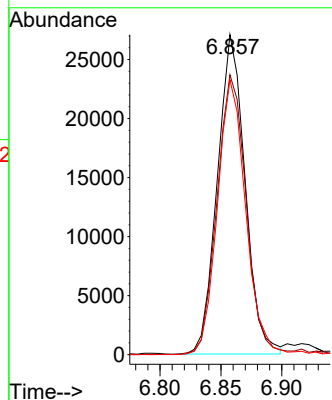
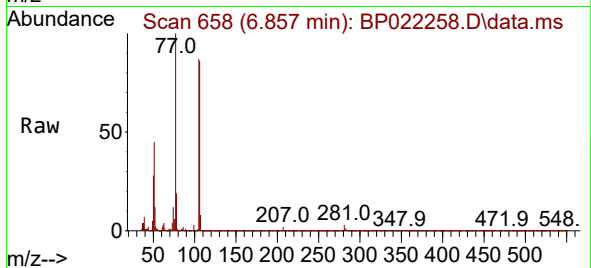




#6
Benzaldehyde
Concen: 11.491 ng/ul
RT: 6.857 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

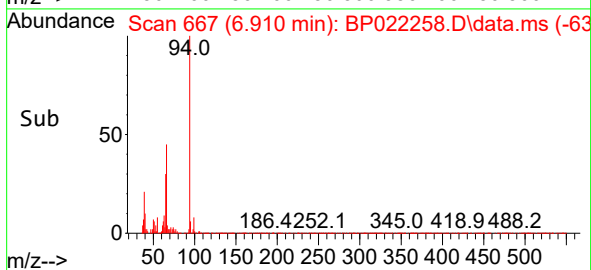
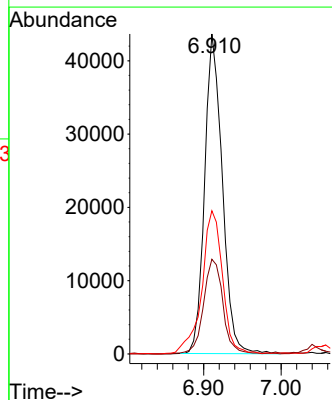
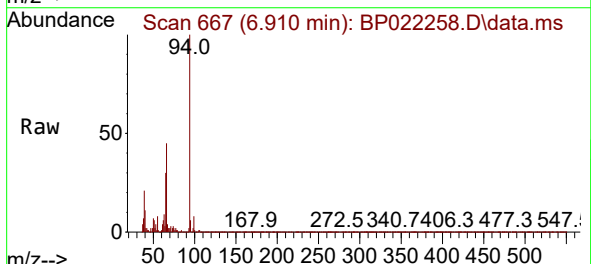
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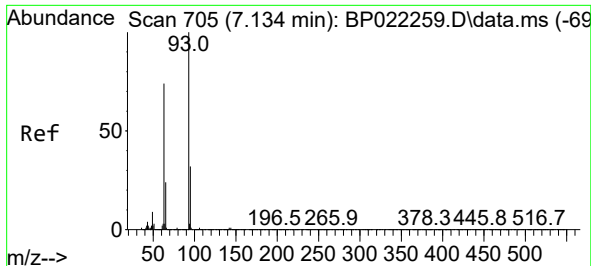
Tgt Ion: 77 Resp: 42888
Ion Ratio Lower Upper
77 100
105 87.5 72.6 108.8
106 85.9 70.6 106.0



#8
Phenol
Concen: 10.062 ng/ul
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion: 94 Resp: 69281
Ion Ratio Lower Upper
94 100
65 29.6 25.9 38.9
66 44.7 37.6 56.4

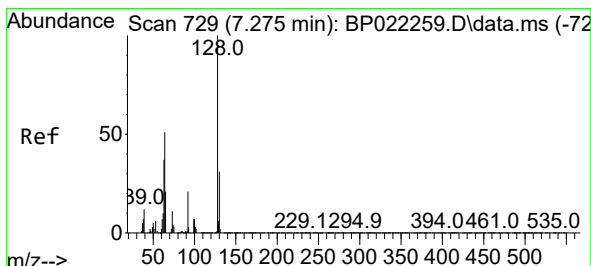
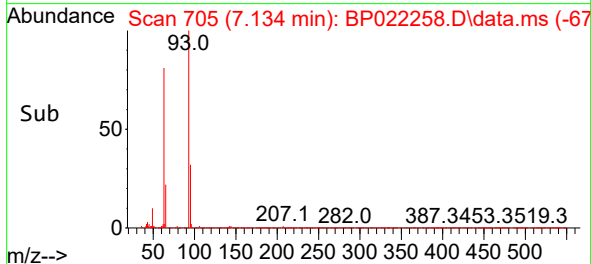
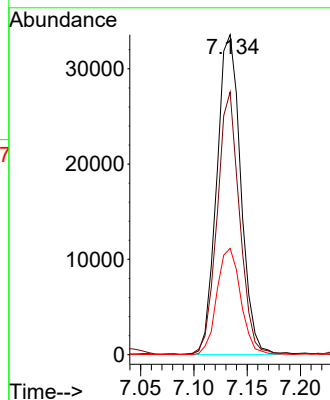
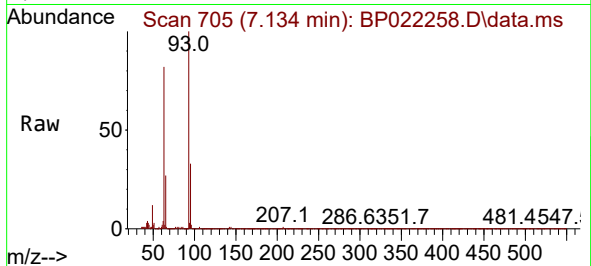




#10
Bis(2-Chloroethyl)ether
Concen: 9.954 ng/ul
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

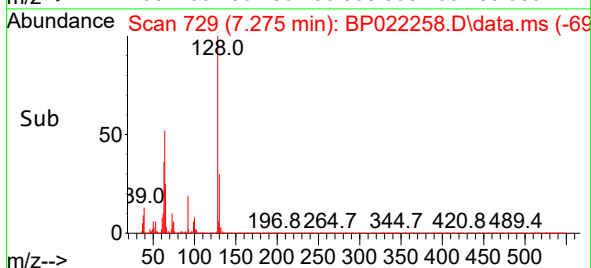
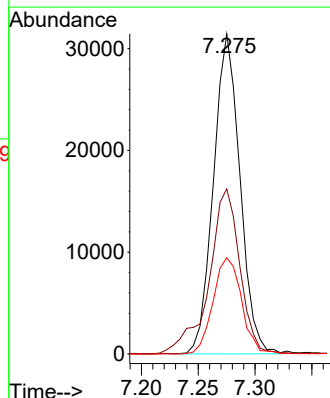
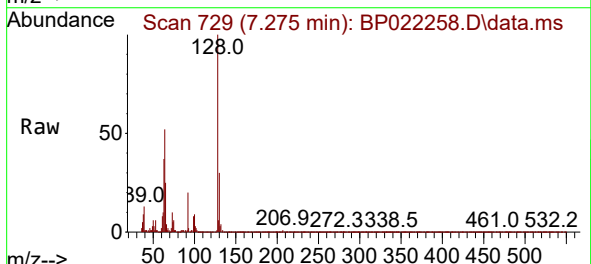
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ClientSampleId :
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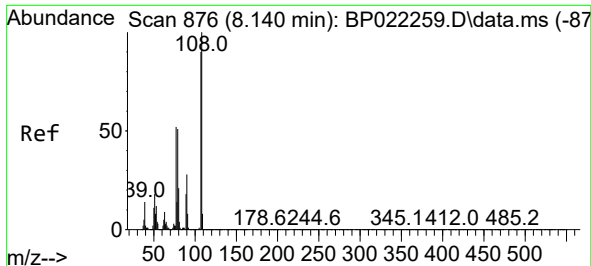
Tgt Ion: 93 Resp: 52457
Ion Ratio Lower Upper
93 100
63 82.1 59.0 88.6
95 33.3 25.6 38.4



#12
2-Chlorophenol
Concen: 10.304 ng/ul
RT: 7.275 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion: 128 Resp: 50995
Ion Ratio Lower Upper
128 100
64 51.6 42.4 63.6
130 30.1 24.8 37.2





#13

2-Methylphenol

Concen: 9.711 ng/ul

RT: 8.140 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

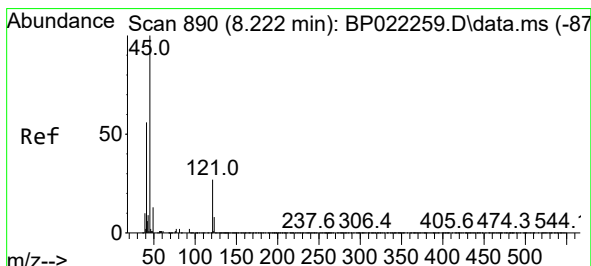
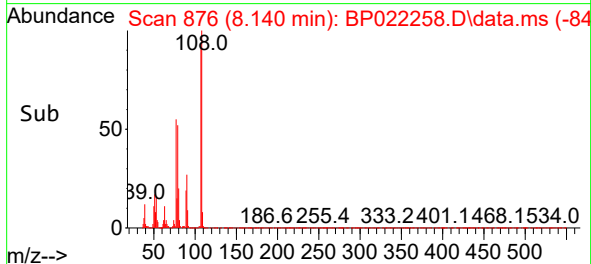
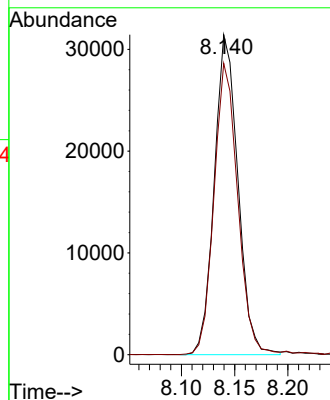
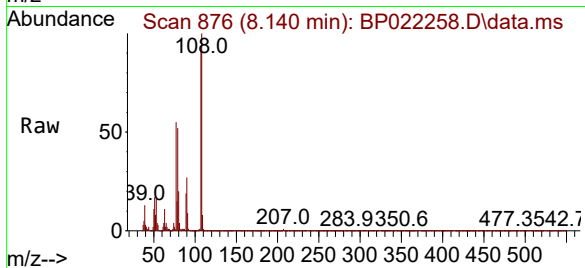
SSTD010622

Tgt Ion:108 Resp: 48493

Ion Ratio Lower Upper

108 100

107 91.0 72.5 108.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.353 ng/ul

RT: 8.210 min Scan# 888

Delta R.T. -0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

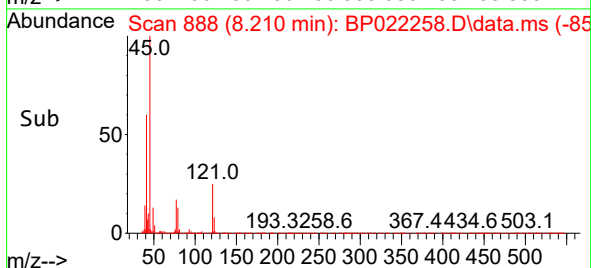
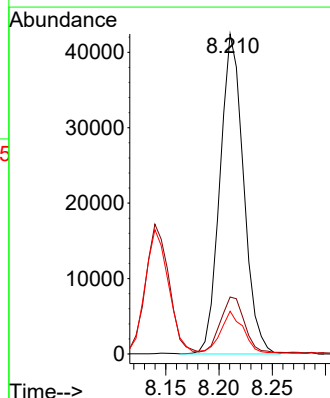
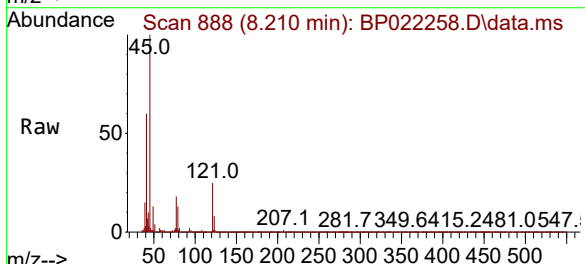
Tgt Ion: 45 Resp: 65279

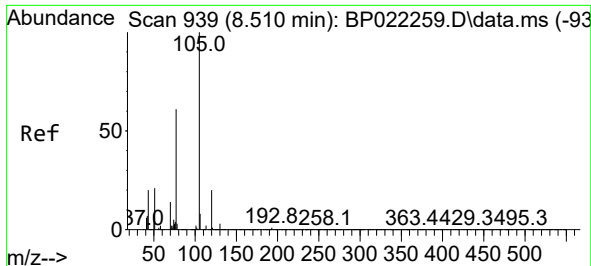
Ion Ratio Lower Upper

45 100

77 17.8 14.5 21.7

79 13.3 11.0 16.4

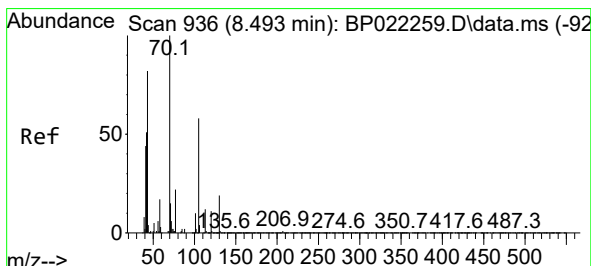
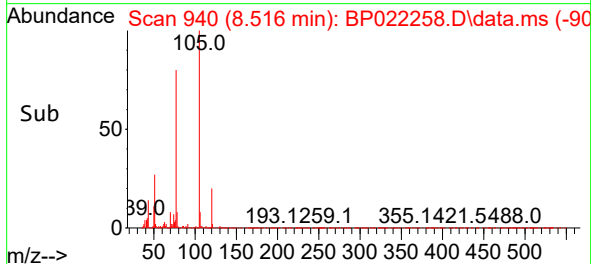
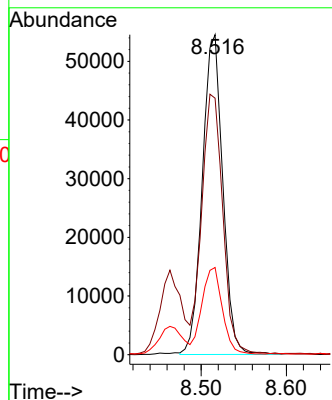
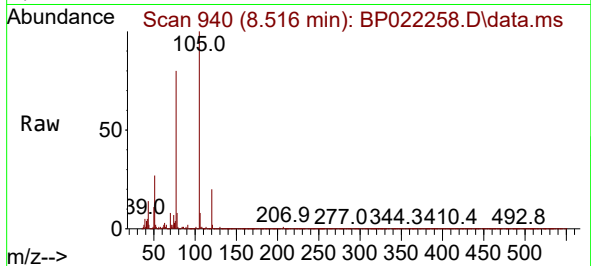




#16
Acetophenone
Concen: 10.448 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

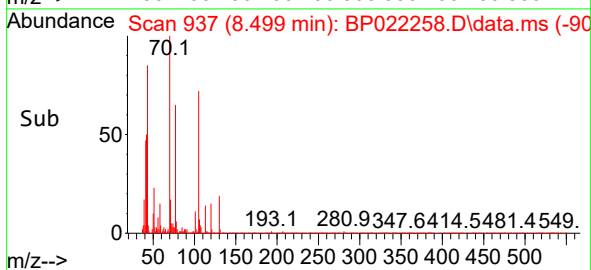
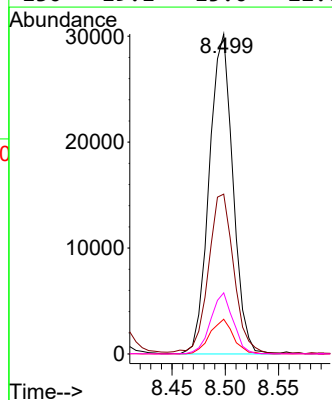
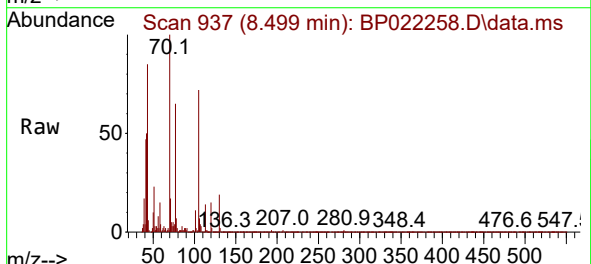
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ClientSampleId :
SSTD010622

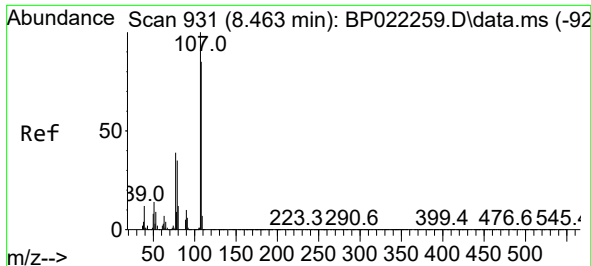
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Ion Ratio Lower Upper
105 100
77 80.1 69.0 103.4
51 27.2 22.6 33.8



#17
N-Nitroso-di-n-propylamine
Concen: 10.346 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion: 70 Resp: 46644
Ion Ratio Lower Upper
70 100
42 49.9 42.0 63.0
101 10.8 7.8 11.6
130 19.1 15.0 22.6

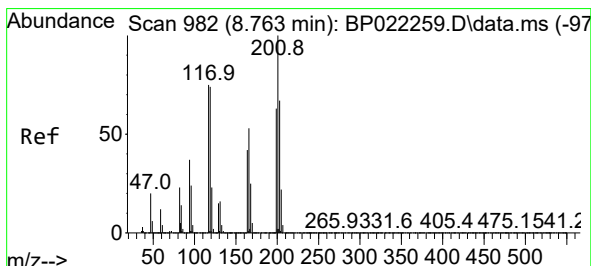
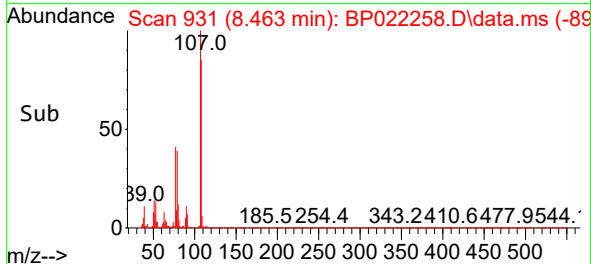
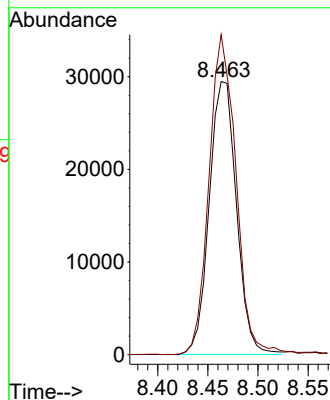
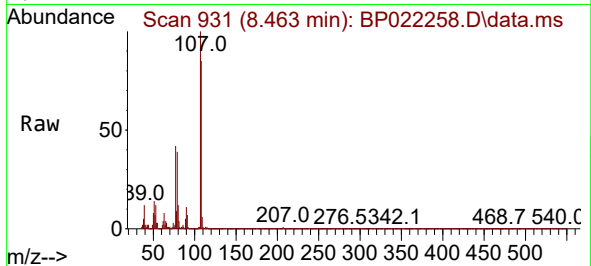




#18
4-Methylphenol
Concen: 10.228 ng/ul
RT: 8.463 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

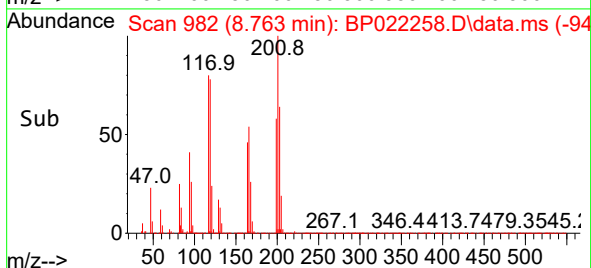
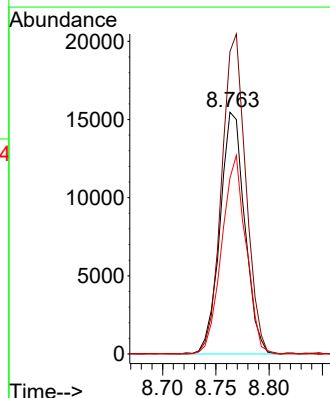
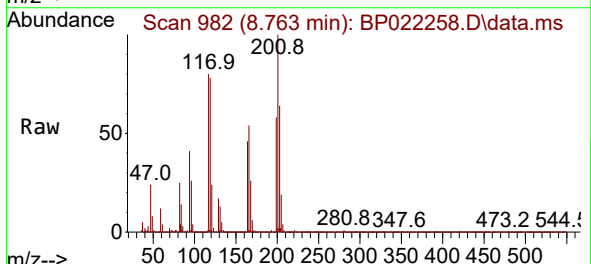
Instrument :
BNA_P
ClientSampleId :
SSTD010622

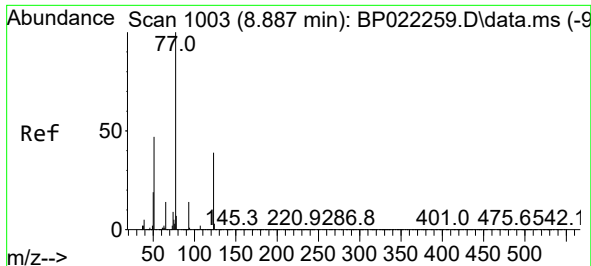
Tgt Ion:108 Resp: 55701
Ion Ratio Lower Upper
108 100
107 117.2 94.4 141.6



#19
Hexachloroethane
Concen: 10.700 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:117 Resp: 24997
Ion Ratio Lower Upper
117 100
201 125.0 106.6 160.0
199 72.8 66.9 100.3

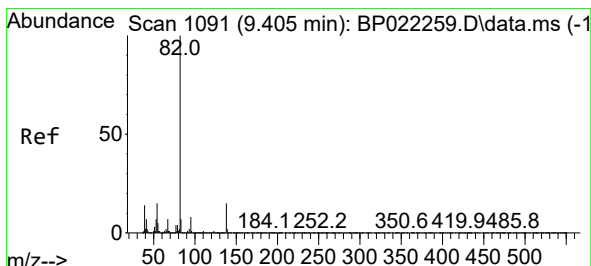
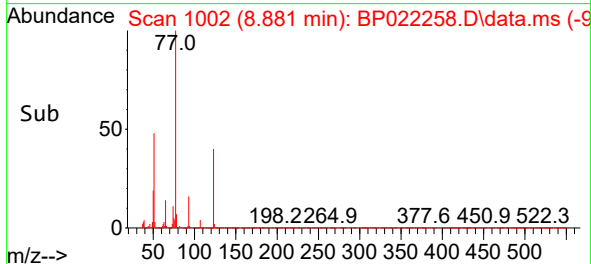
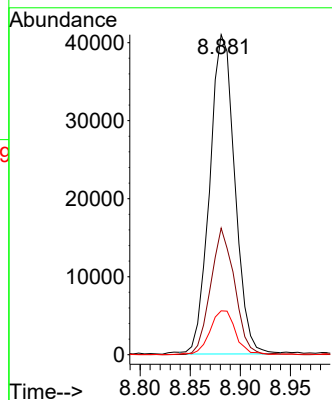
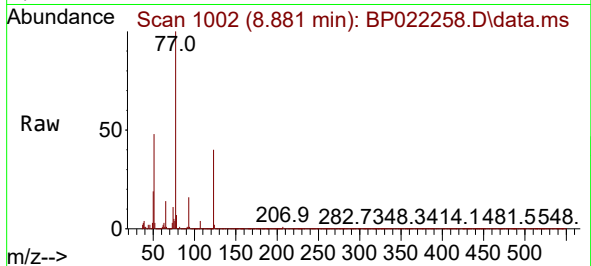




#22
Nitrobenzene
Concen: 10.691 ng/ul
RT: 8.881 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

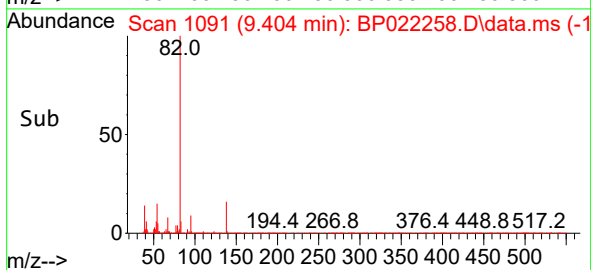
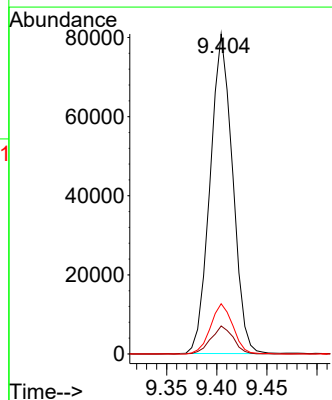
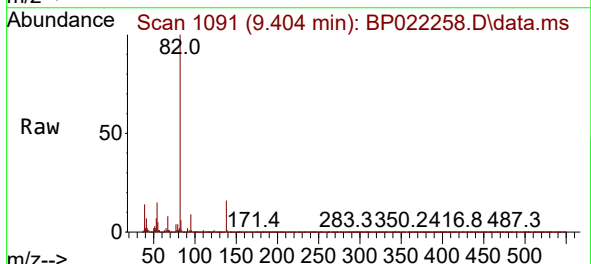
Instrument :
BNA_P
ClientSampleId :
SSTD010622

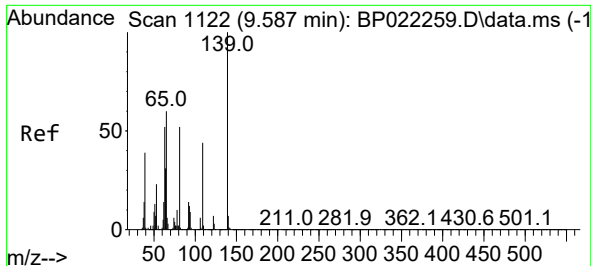
Tgt Ion: 77 Resp: 71530
Ion Ratio Lower Upper
77 100
123 39.5 30.8 46.2
65 13.7 11.4 17.2



#23
Isophorone
Concen: 10.896 ng/ul
RT: 9.404 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion: 82 Resp: 126278
Ion Ratio Lower Upper
82 100
95 8.8 6.7 10.1
138 15.7 12.3 18.5

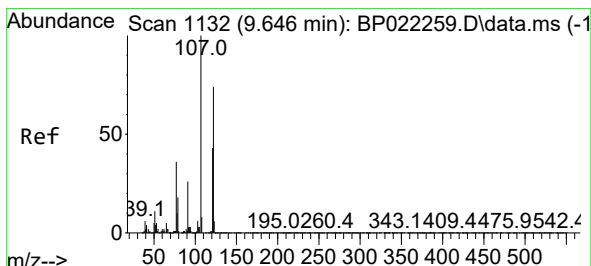
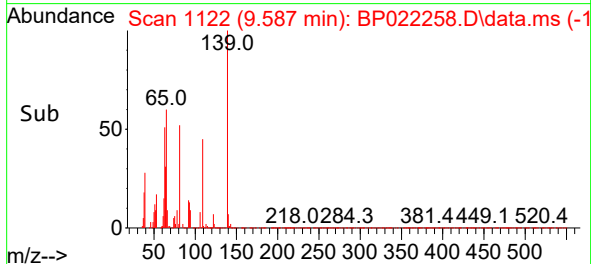
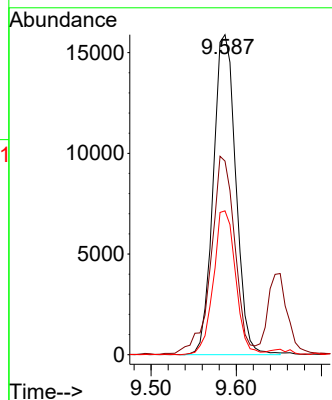
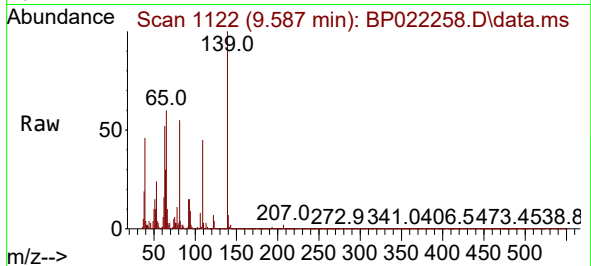




#25
2-Nitrophenol
Concen: 11.027 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

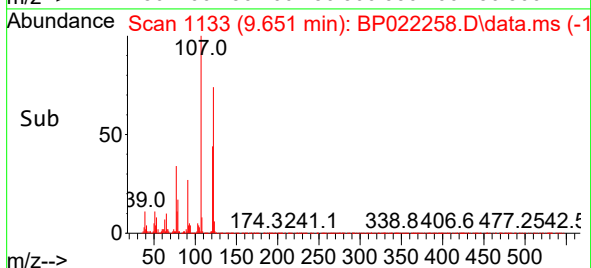
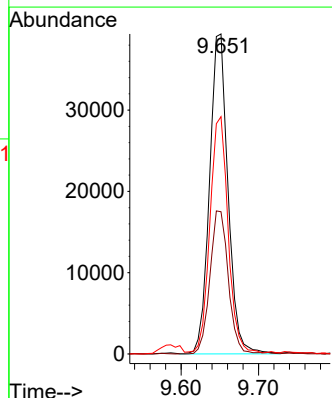
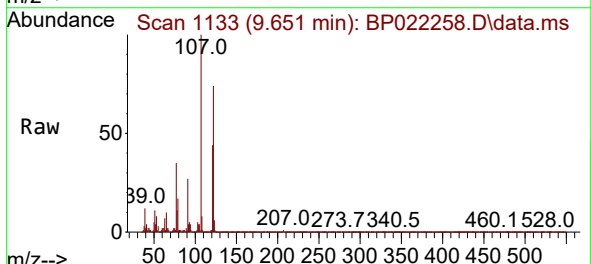
Instrument :
BNA_P
ClientSampleId :
SSTD010622

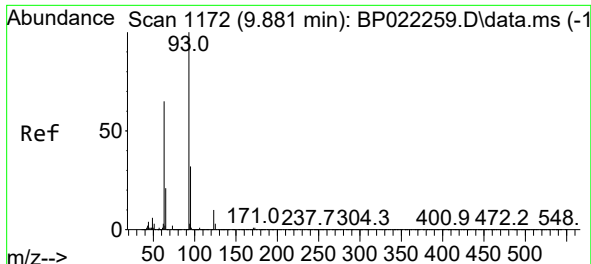
Tgt Ion:	139	Resp:	29275
Ion	Ratio	Lower	Upper
139	100		
65	60.5	48.5	72.7
109	45.0	35.0	52.4



#26
2,4-Dimethylphenol
Concen: 10.856 ng/ul
RT: 9.651 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:	107	Resp:	65292
Ion	Ratio	Lower	Upper
107	100		
121	44.5	34.3	51.5
122	74.2	60.1	90.1





#27

Bis(2-Chloroethoxy)methane

Concen: 10.951 ng/ul

RT: 9.875 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

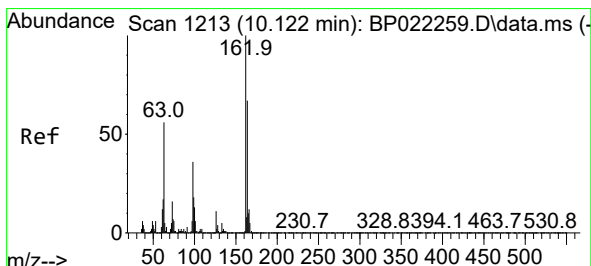
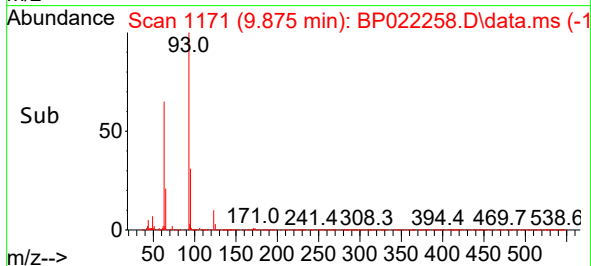
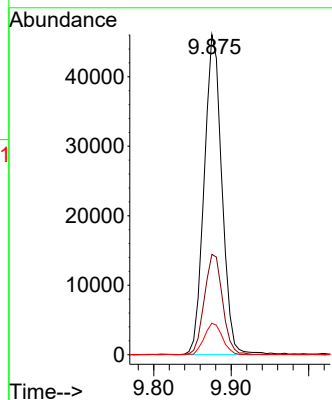
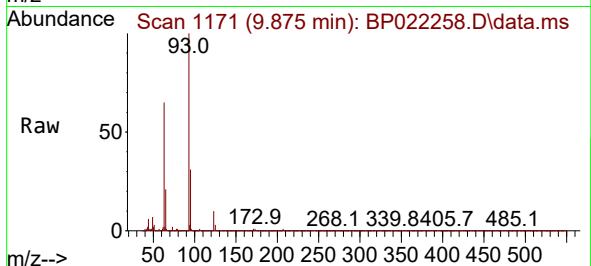
Tgt Ion: 93 Resp: 73154

Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.0

123 9.8 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 10.667 ng/ul

RT: 10.116 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

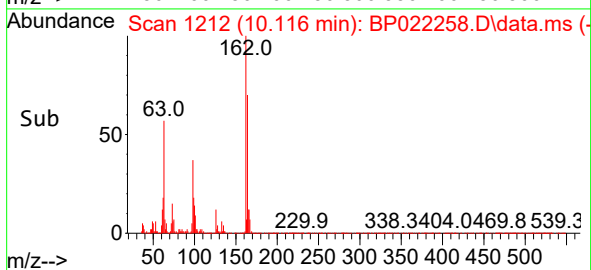
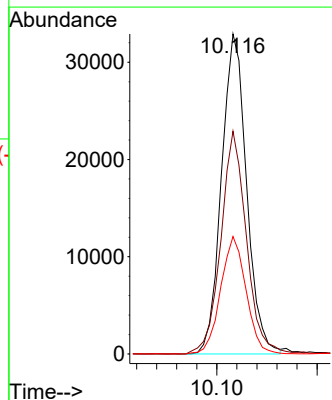
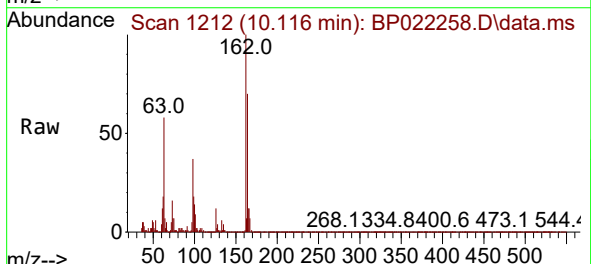
Tgt Ion:162 Resp: 57104

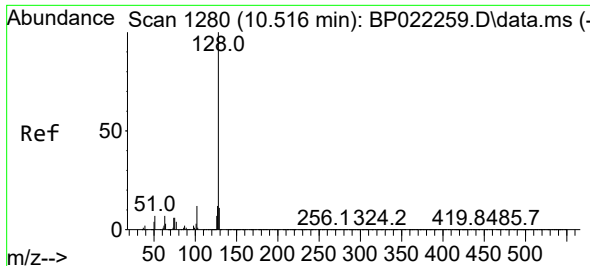
Ion Ratio Lower Upper

162 100

164 69.6 53.5 80.3

98 36.7 28.6 42.8

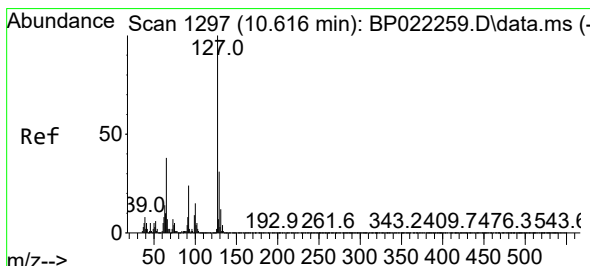
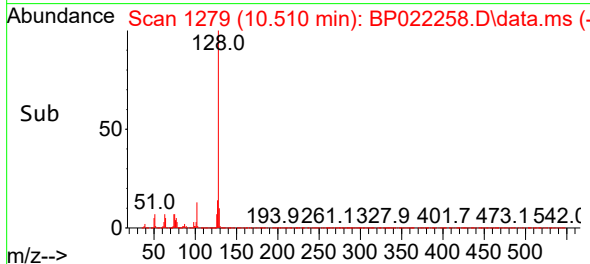
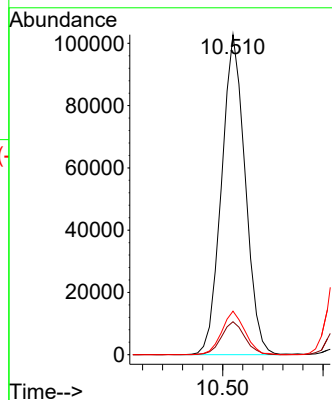
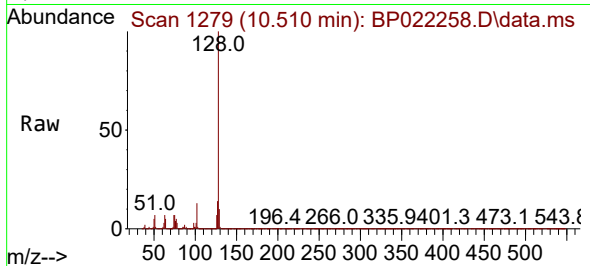




#30
Naphthalene
Concen: 10.932 ng/ul
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

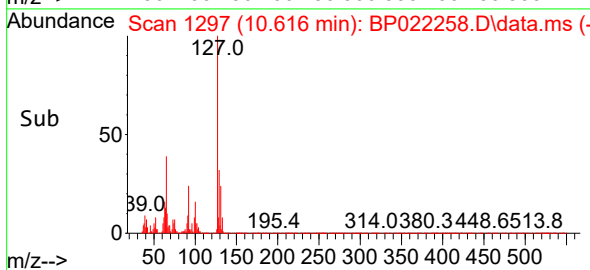
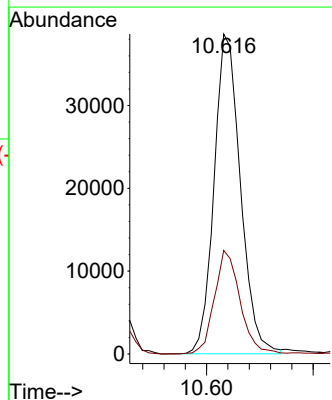
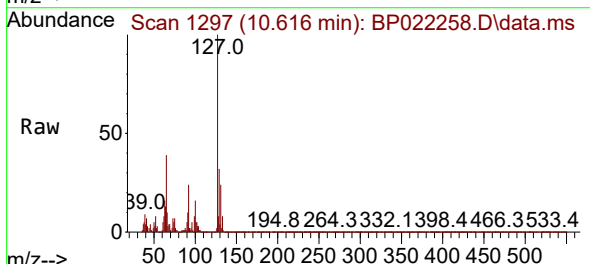
Instrument :
BNA_P
ClientSampleId :
SSTD010622

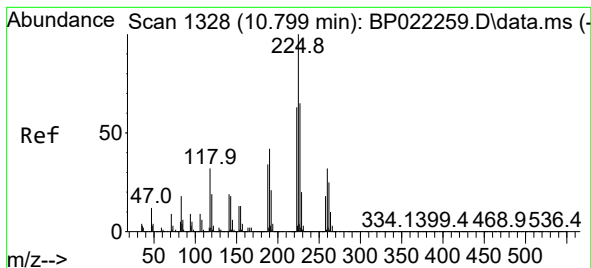
Tgt Ion:128 Resp: 168179
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 13.6 9.9 14.9



#32
4-Chloroaniline
Concen: 10.420 ng/ul
RT: 10.616 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:127 Resp: 66353
Ion Ratio Lower Upper
127 100
129 32.3 24.6 36.8





#33

Hexachlorobutadiene

Concen: 10.757 ng/ul

RT: 10.793 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

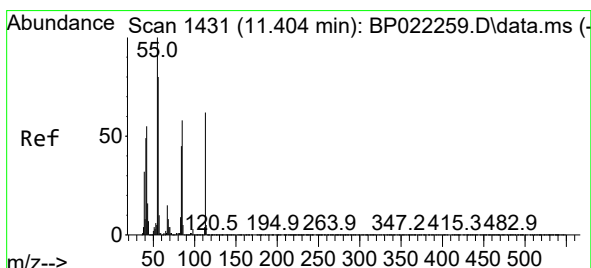
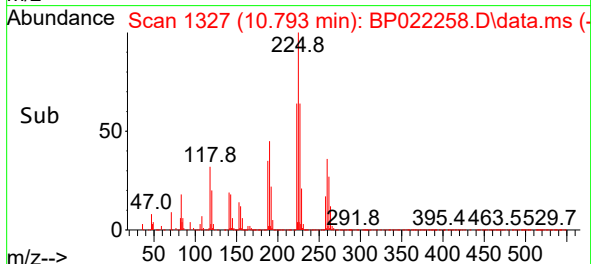
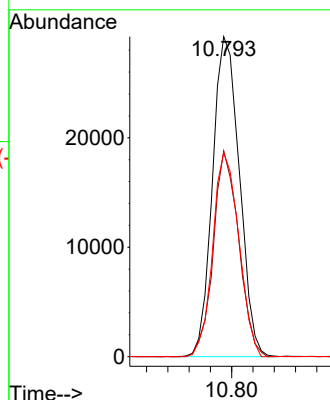
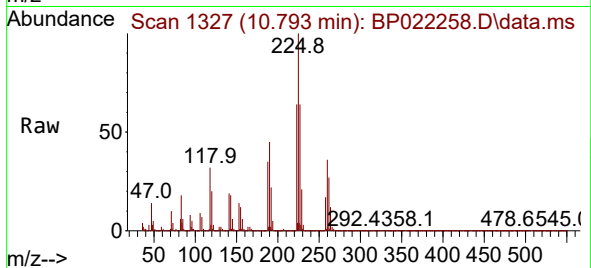
Tgt Ion:225 Resp: 51128

Ion Ratio Lower Upper

225 100

223 64.3 50.2 75.4

227 63.8 51.7 77.5



#34

Caprolactam

Concen: 10.147 ng/ul

RT: 11.398 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

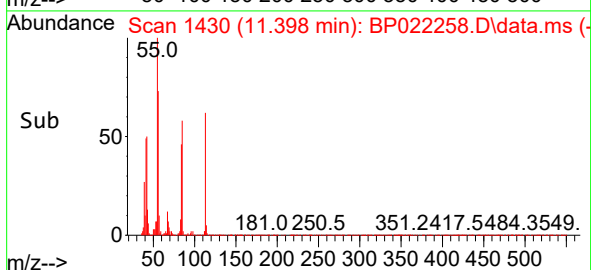
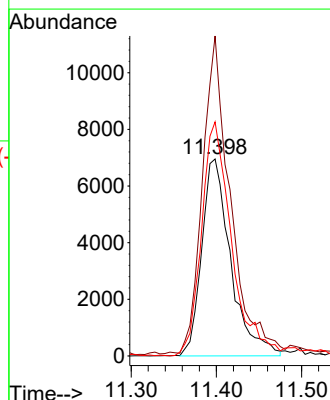
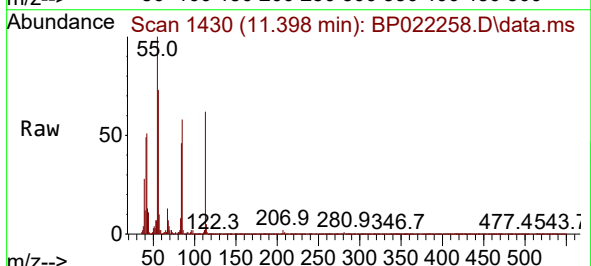
Tgt Ion:113 Resp: 16479

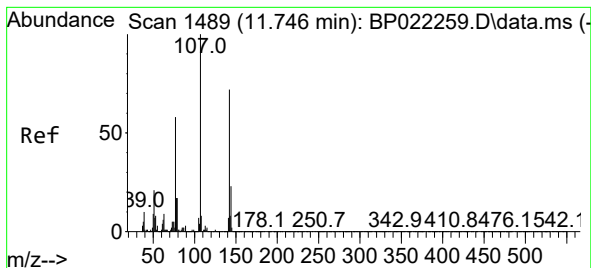
Ion Ratio Lower Upper

113 100

55 162.5 130.2 195.2

56 118.8 104.0 156.0

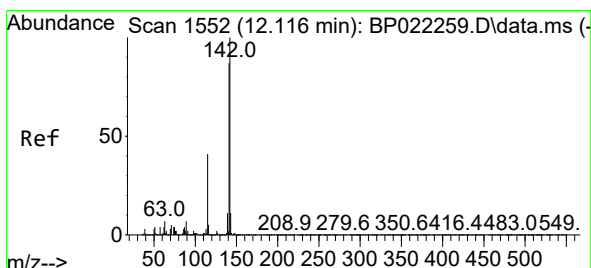
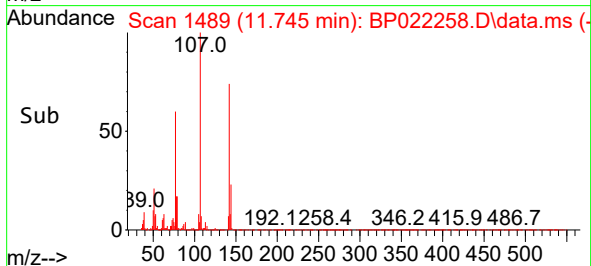
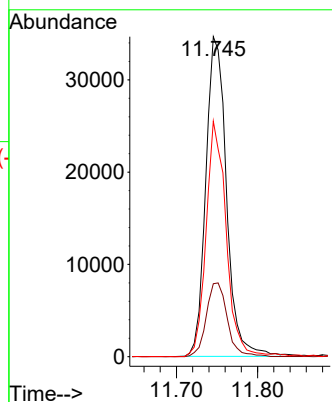
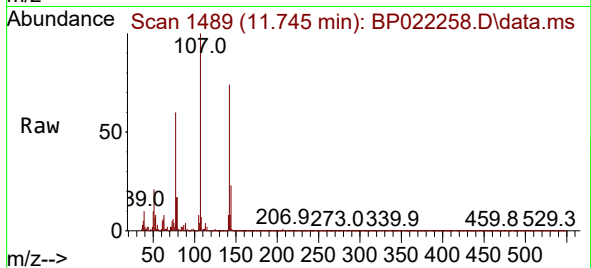




#35
4-Chloro-3-methylphenol
Concen: 10.574 ng/ul
RT: 11.745 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

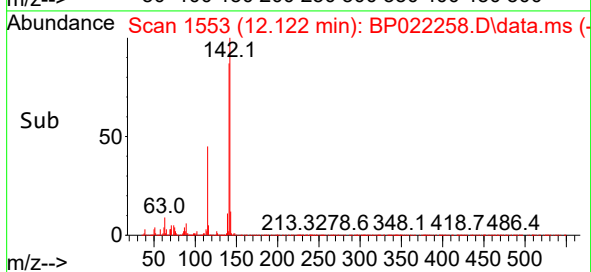
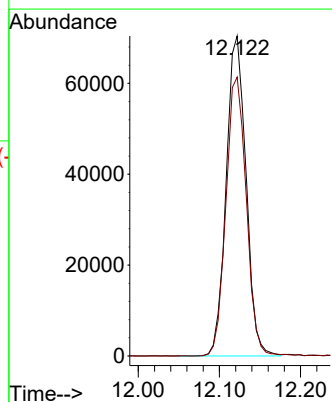
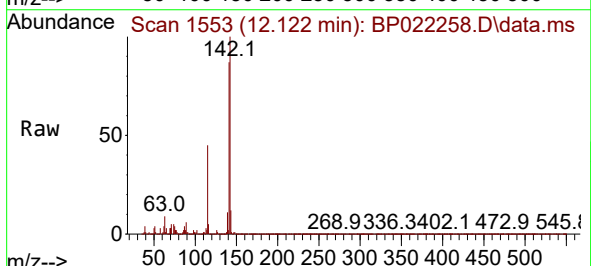
Instrument :
BNA_P
ClientSampleId :
SSTD010622

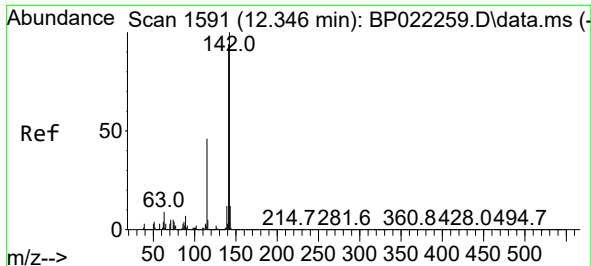
Tgt Ion:107 Resp: 61241
Ion Ratio Lower Upper
107 100
144 22.8 18.5 27.7
142 73.6 57.6 86.4



#36
2-Methylnaphthalene
Concen: 10.454 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:142 Resp: 119519
Ion Ratio Lower Upper
142 100
141 87.1 69.8 104.6





#37

1-Methylnaphthalene

Concen: 10.586 ng/ul

RT: 12.334 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

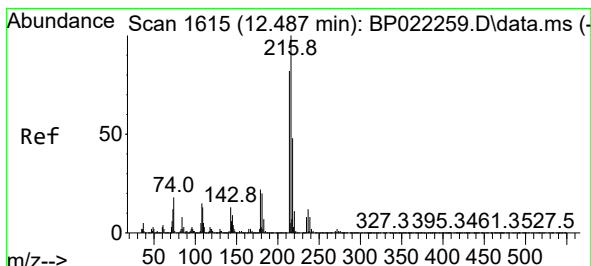
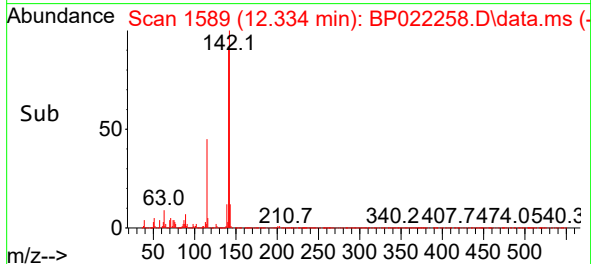
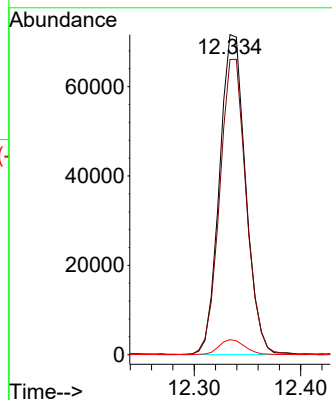
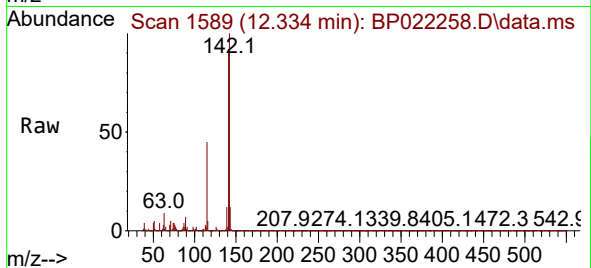
Tgt Ion:142 Resp: 122067

Ion Ratio Lower Upper

142 100

141 92.3 74.8 112.2

116 4.7 4.1 6.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.026 ng/ul

RT: 12.492 min Scan# 1616

Delta R.T. 0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Tgt Ion:216 Resp: 88539

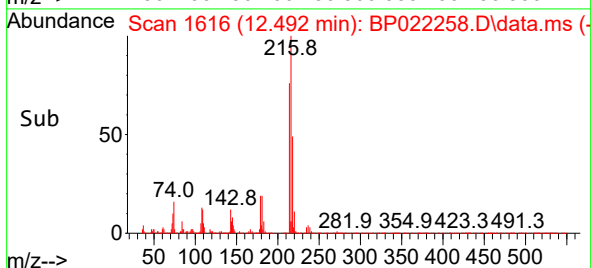
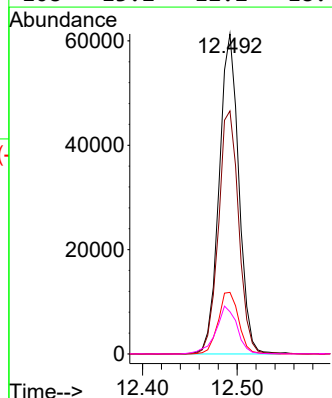
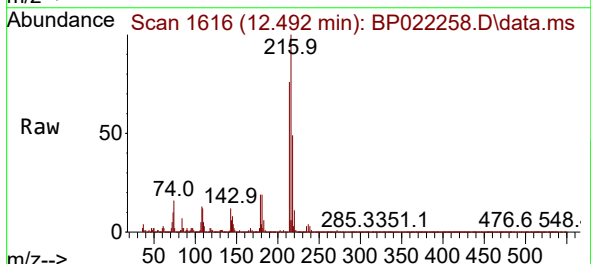
Ion Ratio Lower Upper

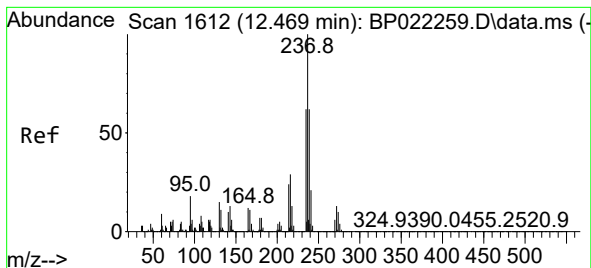
216 100

214 76.0 65.9 98.9

179 19.3 17.8 26.6

108 13.2 12.2 18.4





#40

Hexachlorocyclopentadiene

Concen: 10.061 ng/ul

RT: 12.475 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

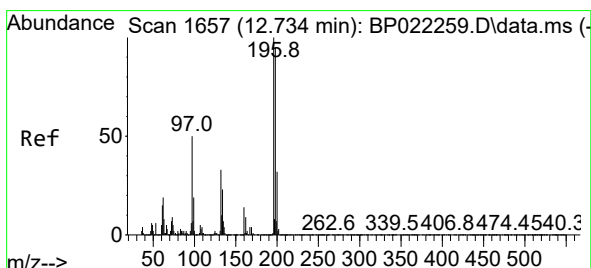
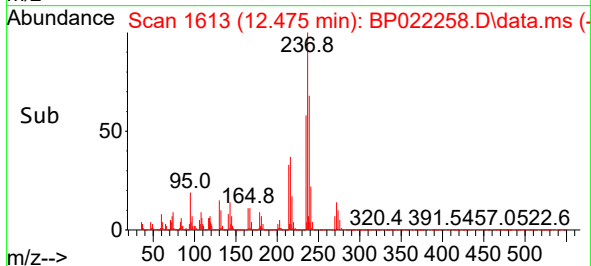
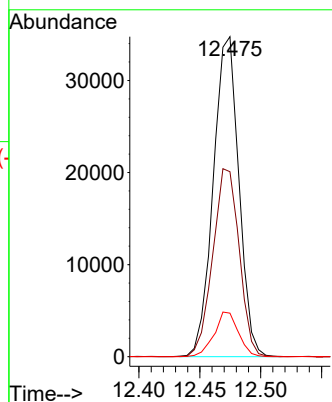
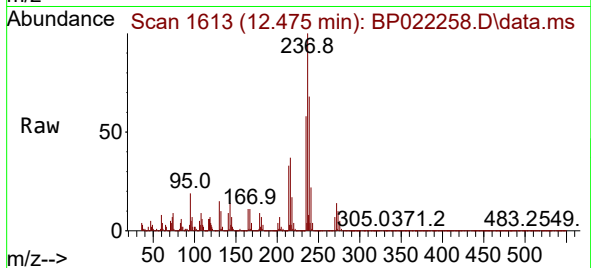
Tgt Ion:237 Resp: 50819

Ion Ratio Lower Upper

237 100

235 57.8 49.8 74.6

272 14.2 11.4 17.0



#41

2,4,6-Trichlorophenol

Concen: 11.183 ng/ul

RT: 12.740 min Scan# 1658

Delta R.T. 0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

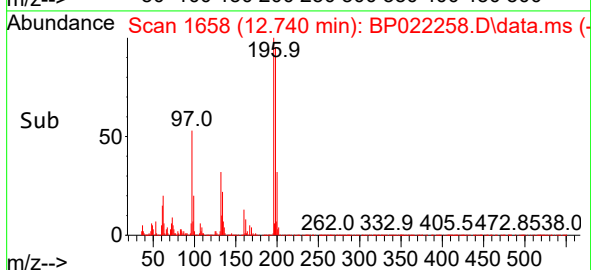
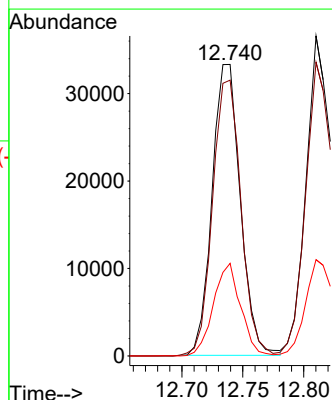
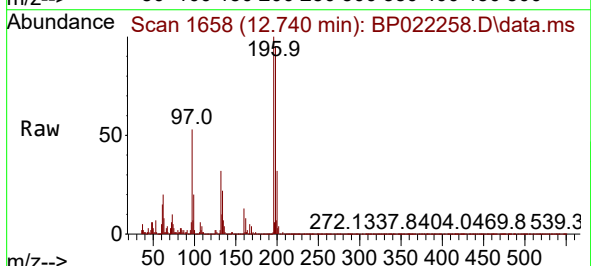
Tgt Ion:196 Resp: 53682

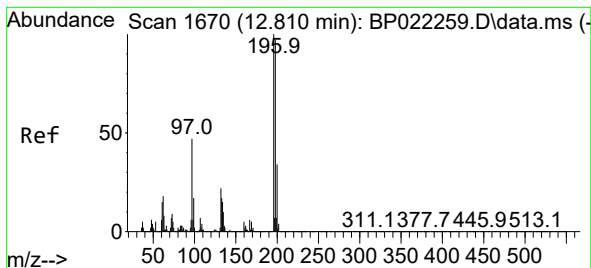
Ion Ratio Lower Upper

196 100

198 94.6 75.8 113.8

200 31.8 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 10.603 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

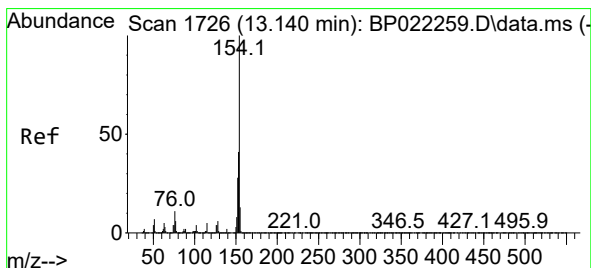
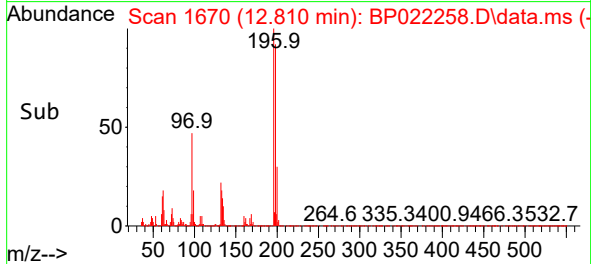
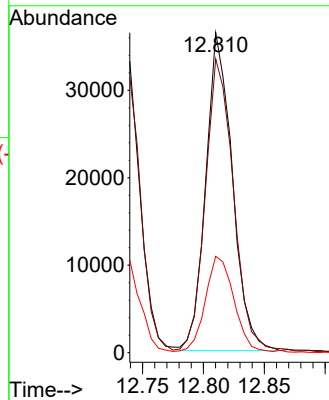
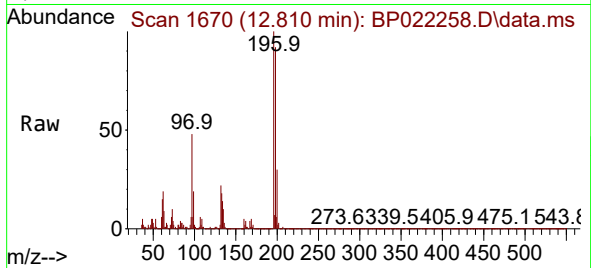
Tgt Ion:196 Resp: 55120

Ion Ratio Lower Upper

196 100

198 91.8 78.0 117.0

200 30.1 27.0 40.4



#43

1,1'-Biphenyl

Concen: 11.196 ng/ul

RT: 13.139 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

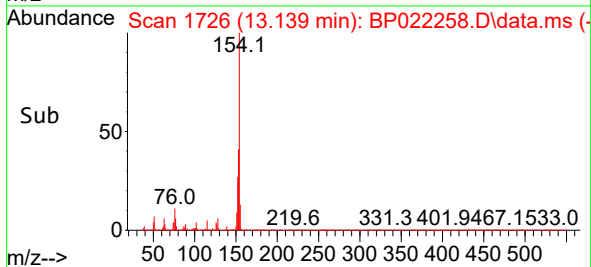
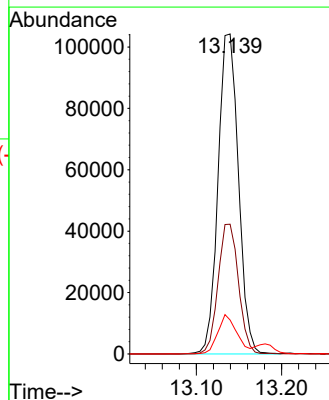
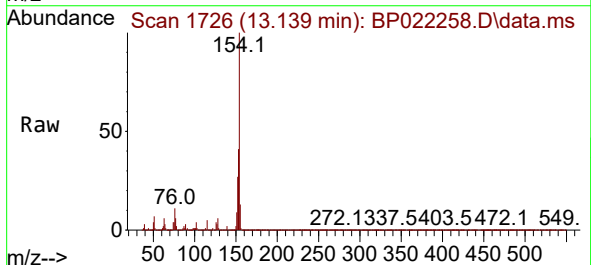
Tgt Ion:154 Resp: 173402

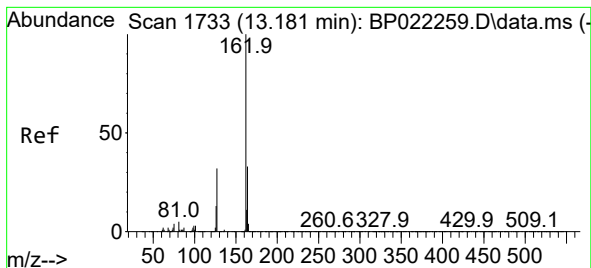
Ion Ratio Lower Upper

154 100

153 40.5 32.5 48.7

76 10.6 9.0 13.6





#44

2-Chloronaphthalene

Concen: 11.193 ng/ul

RT: 13.181 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

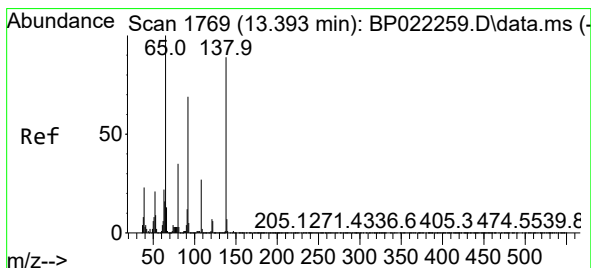
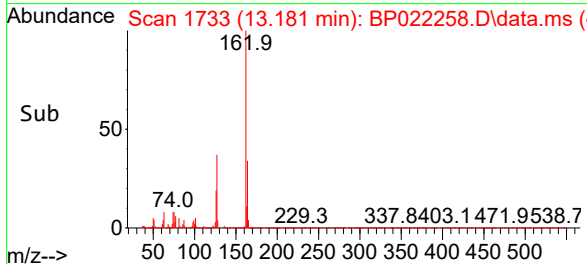
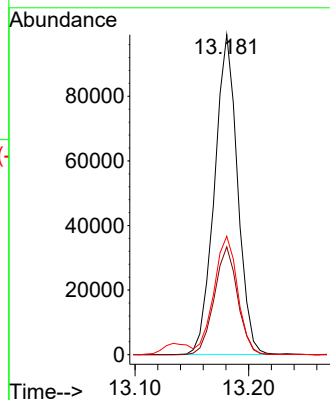
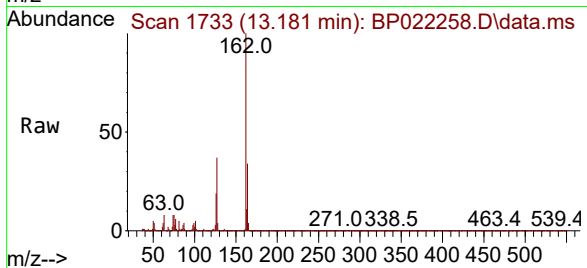
Tgt Ion:162 Resp: 139577

Ion Ratio Lower Upper

162 100

164 33.7 26.2 39.4

127 37.0 28.8 43.2



#45

2-Nitroaniline

Concen: 10.624 ng/ul

RT: 13.381 min Scan# 1767

Delta R.T. -0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

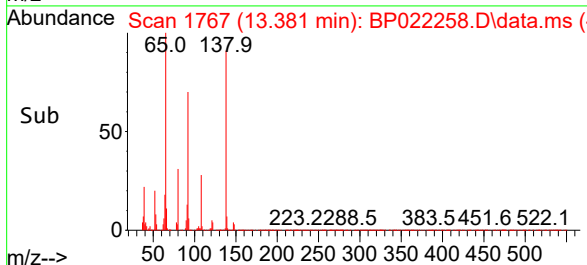
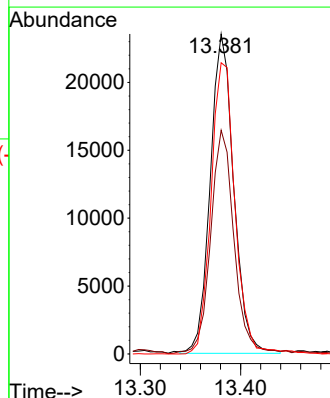
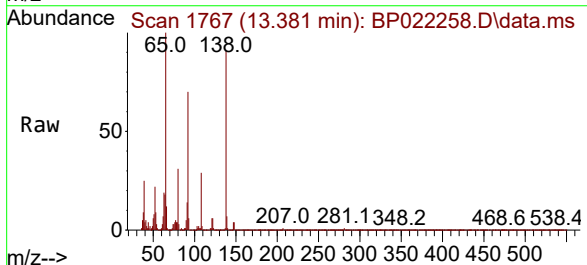
Tgt Ion: 65 Resp: 38307

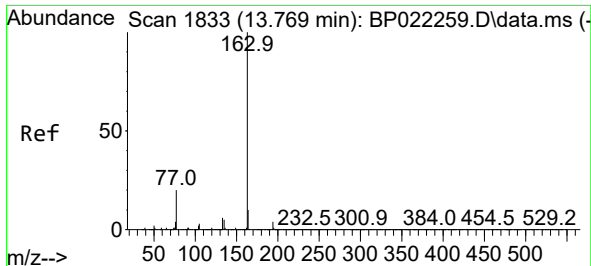
Ion Ratio Lower Upper

65 100

92 69.9 55.4 83.2

138 91.0 71.4 107.0

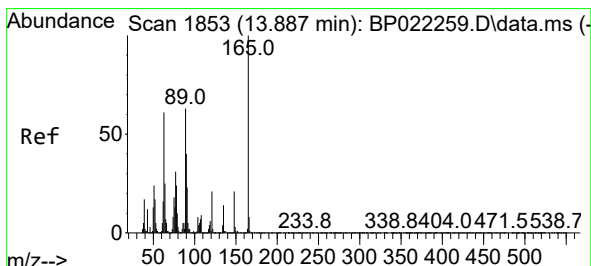
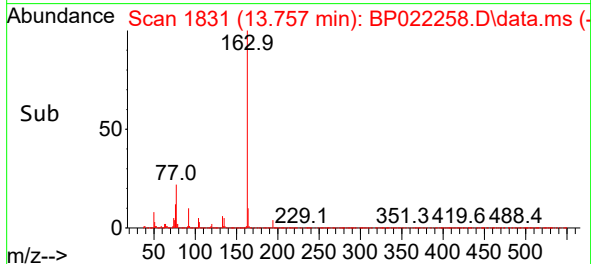
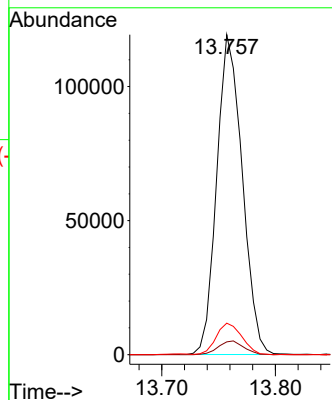
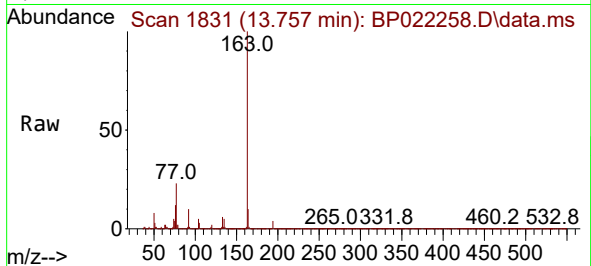




#47
Dimethylphthalate
Concen: 11.058 ng/ul
RT: 13.757 min Scan# 1831
Delta R.T. -0.012 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

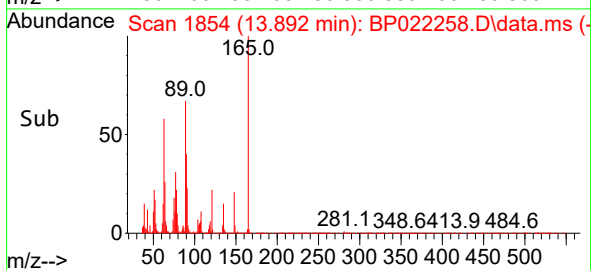
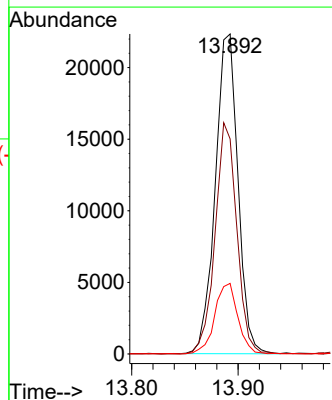
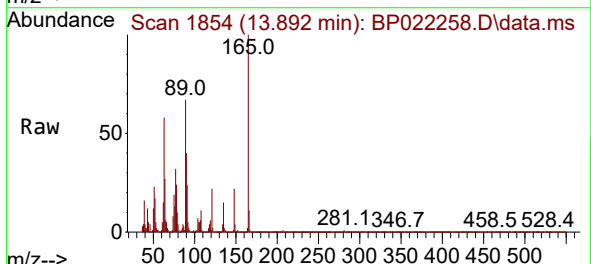
Instrument :
BNA_P
ClientSampleId :
SSTD010622

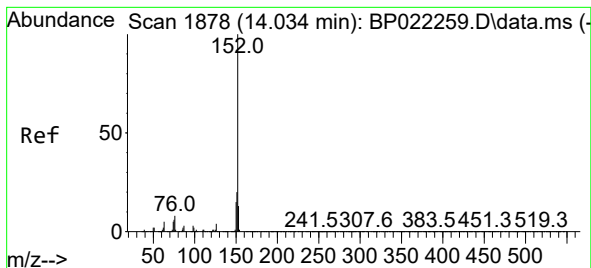
Tgt Ion:163 Resp: 185949
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 10.223 ng/ul
RT: 13.892 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:165 Resp: 32956
Ion Ratio Lower Upper
165 100
89 67.2 50.2 75.4
121 22.0 17.1 25.7





#50

Acenaphthylene

Concen: 10.811 ng/ul

RT: 14.028 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

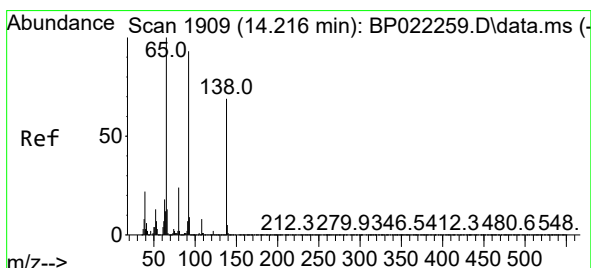
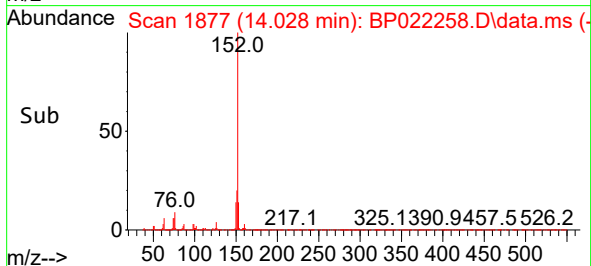
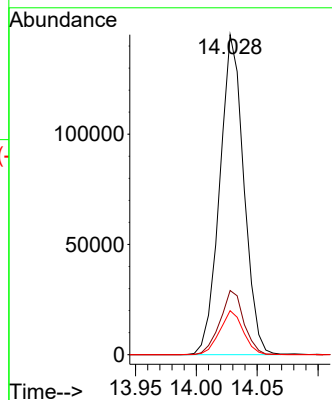
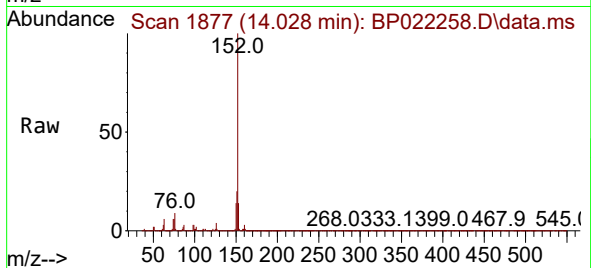
Tgt Ion:152 Resp: 199835

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.7 10.3 15.5



#51

3-Nitroaniline

Concen: 10.160 ng/ul

RT: 14.228 min Scan# 1911

Delta R.T. 0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

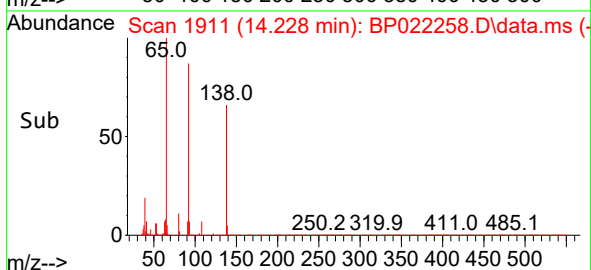
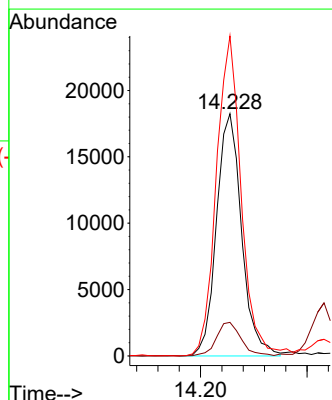
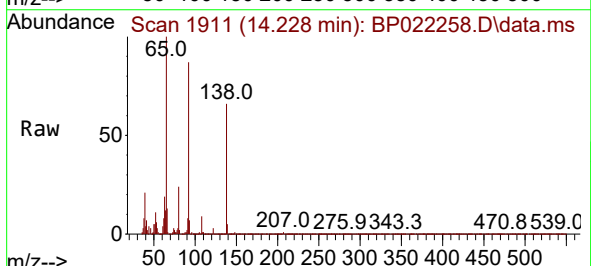
Tgt Ion:138 Resp: 29821

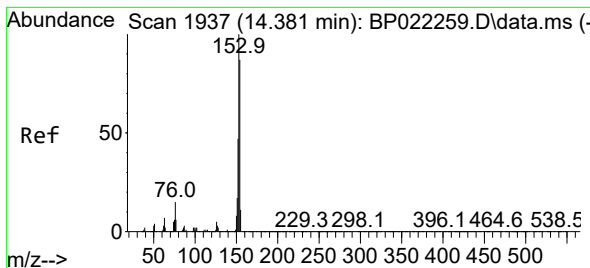
Ion Ratio Lower Upper

138 100

108 13.9 9.7 14.5

92 132.1 106.7 160.1





#52

Acenaphthene

Concen: 10.788 ng/ul

RT: 14.375 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

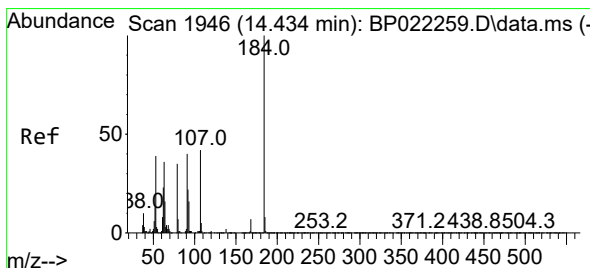
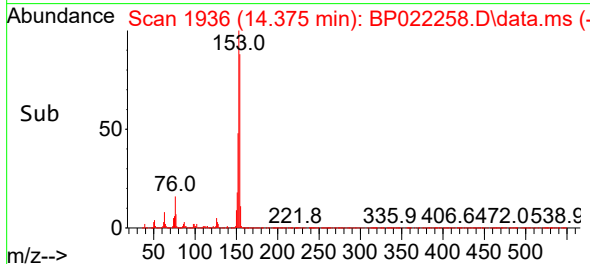
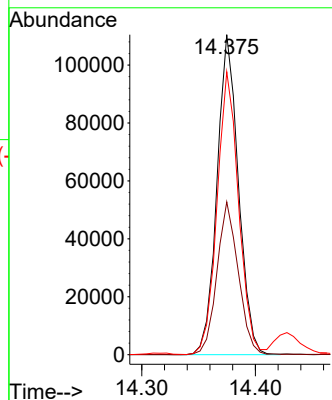
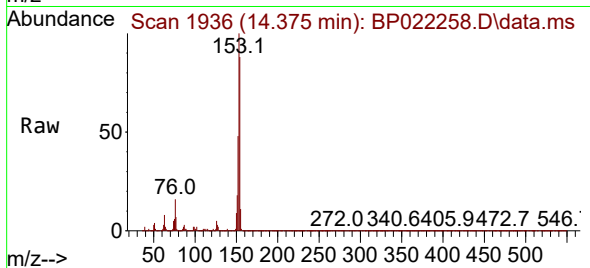
Tgt Ion:153 Resp: 144895

Ion Ratio Lower Upper

153 100

152 47.8 37.8 56.6

154 88.4 69.5 104.3



#53

2,4-Dinitrophenol

Concen: 9.044 ng/ul

RT: 14.428 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

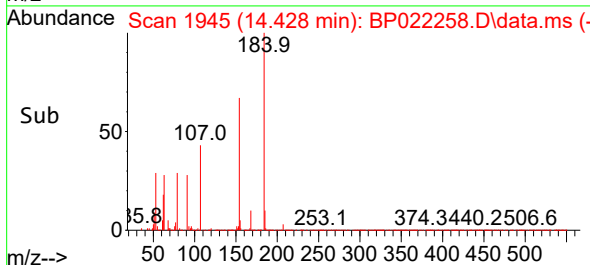
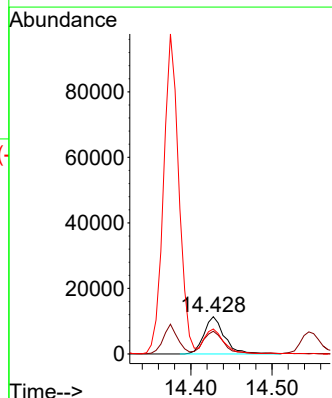
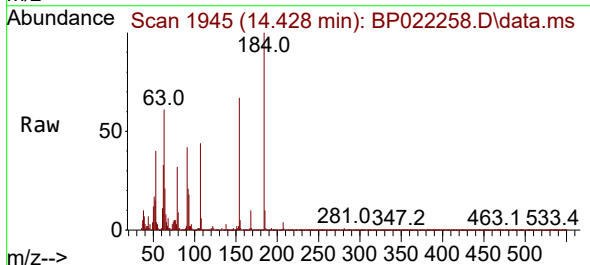
Tgt Ion:184 Resp: 19839

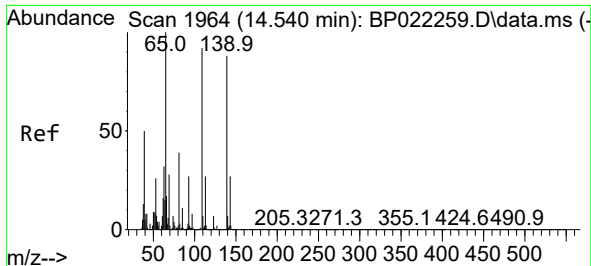
Ion Ratio Lower Upper

184 100

63 60.8 46.5 69.7

154 67.2 53.3 79.9

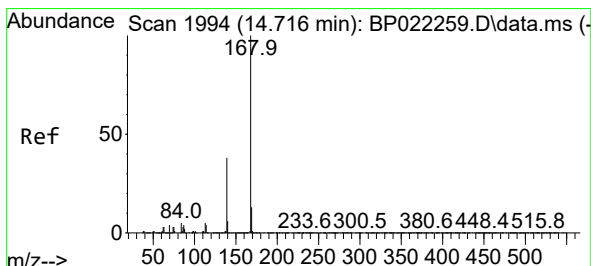
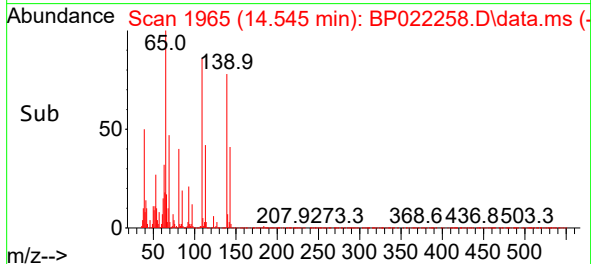
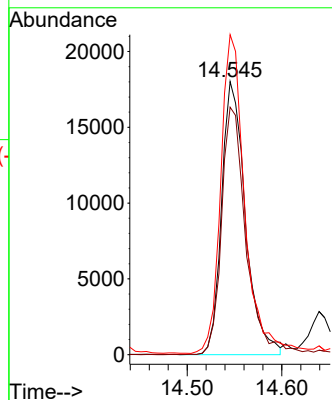
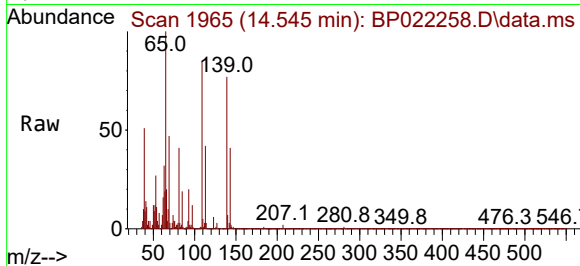




#55
4-Nitrophenol
Concen: 9.717 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

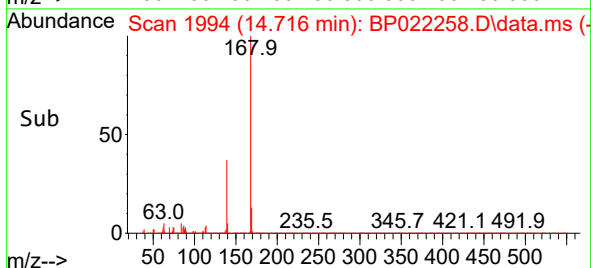
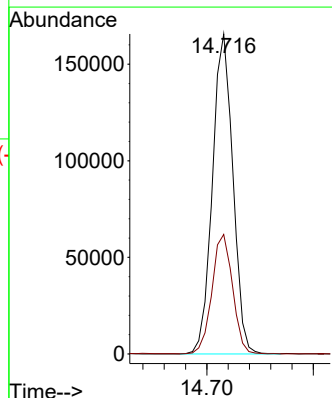
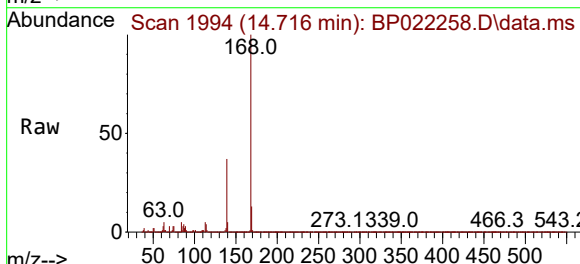
Instrument :
BNA_P
ClientSampleId :
SSTD010622

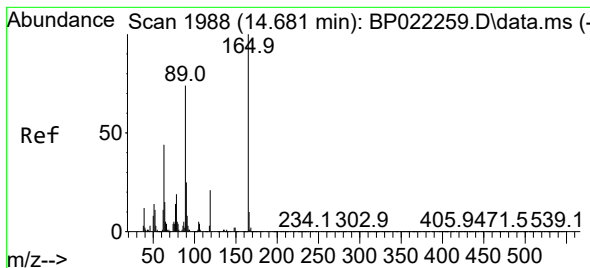
Tgt Ion:109 Resp: 31484
Ion Ratio Lower Upper
109 100
139 90.6 76.4 114.6
65 117.2 87.4 131.0



#56
Dibenzofuran
Concen: 11.054 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:168 Resp: 220732
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2





#57

2,4-Dinitrotoluene

Concen: 10.805 ng/ul

RT: 14.681 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

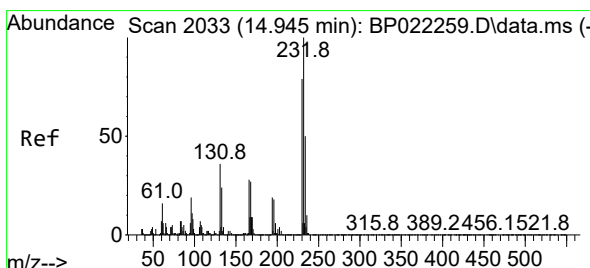
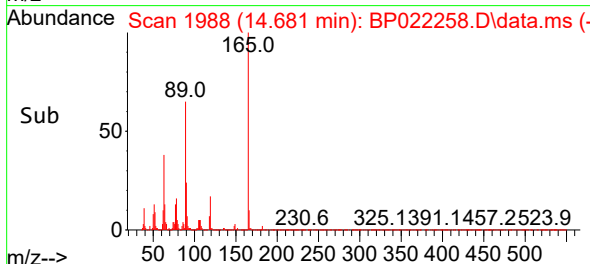
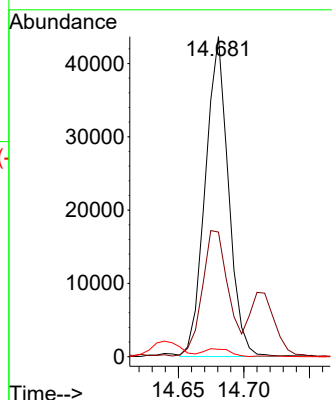
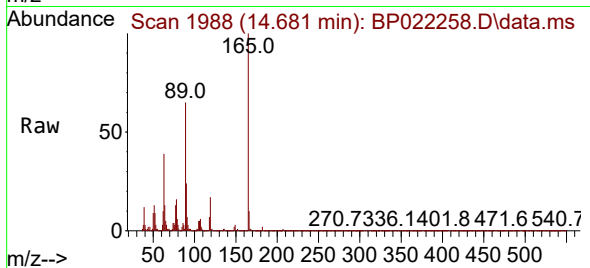
Tgt Ion:165 Resp: 53677

Ion Ratio Lower Upper

165 100

63 39.0 35.3 52.9

182 2.3 2.6 4.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.188 ng/ul

RT: 14.957 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Tgt Ion:232 Resp: 50981

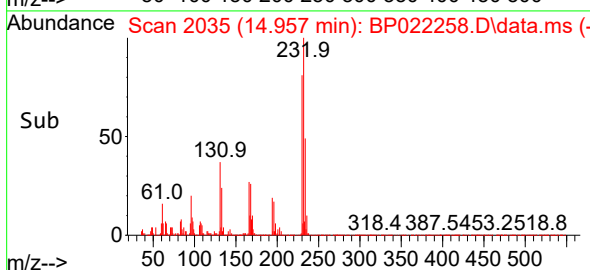
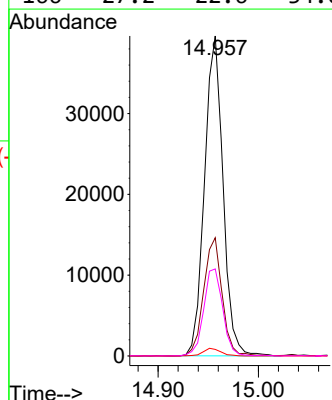
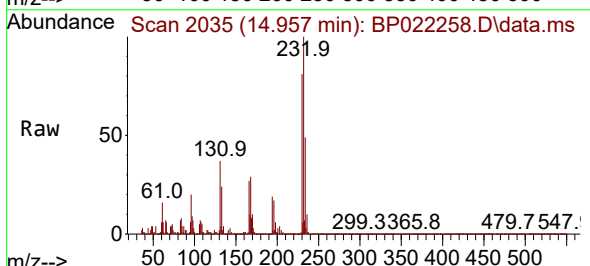
Ion Ratio Lower Upper

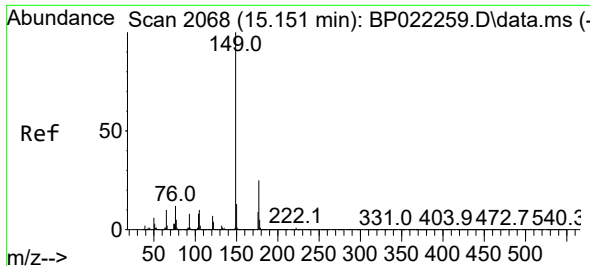
232 100

131 37.0 29.0 43.4

130 2.1 1.9 2.9

166 27.2 22.6 34.0

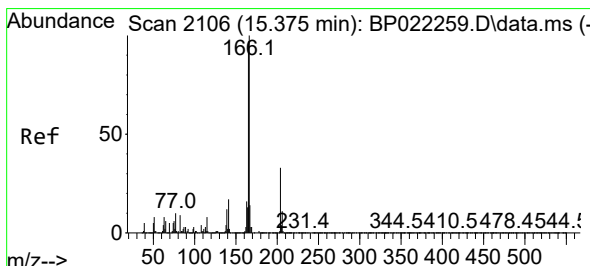
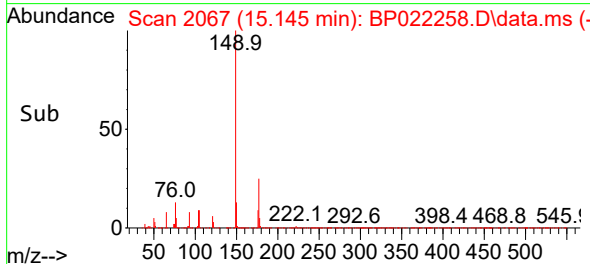
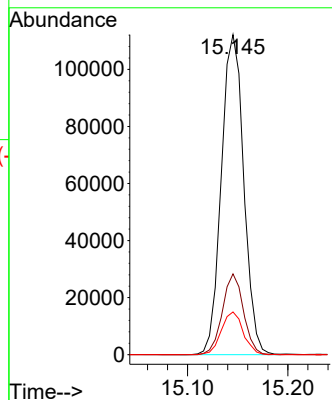
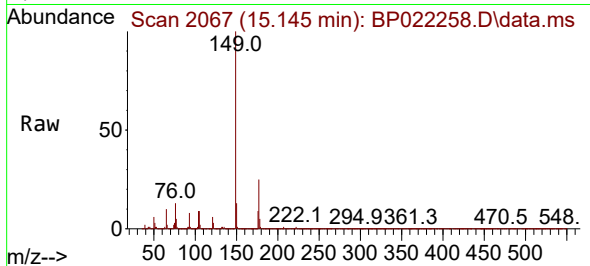




#59
Diethylphthalate
Concen: 10.456 ng/ul
RT: 15.145 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

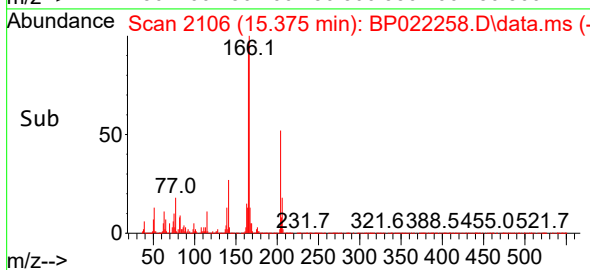
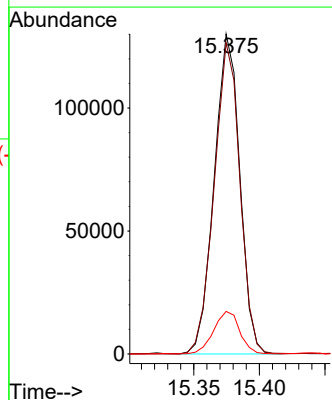
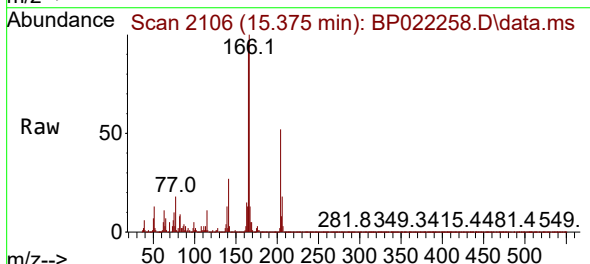
Instrument :
BNA_P
ClientSampleId :
SSTD010622

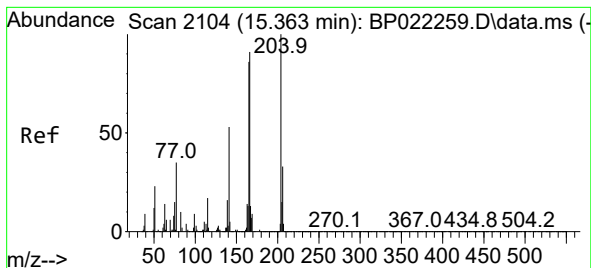
Tgt Ion:149 Resp: 174020
Ion Ratio Lower Upper
149 100
177 25.3 19.9 29.9
150 13.3 10.2 15.4



#61
Fluorene
Concen: 10.620 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:166 Resp: 176367
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.6
167 13.3 11.1 16.7

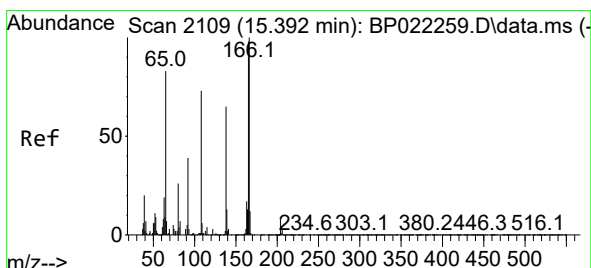
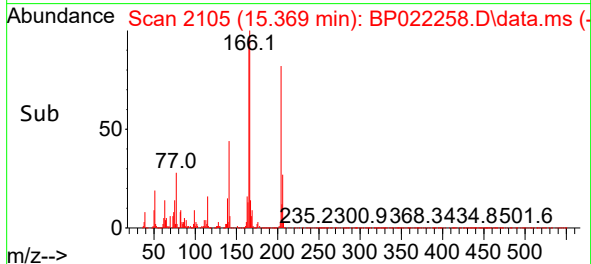
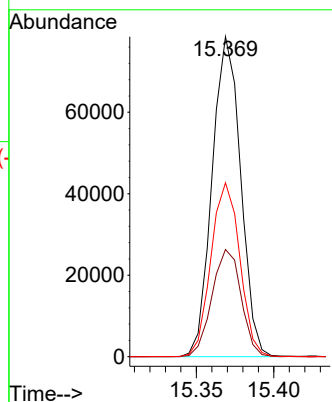
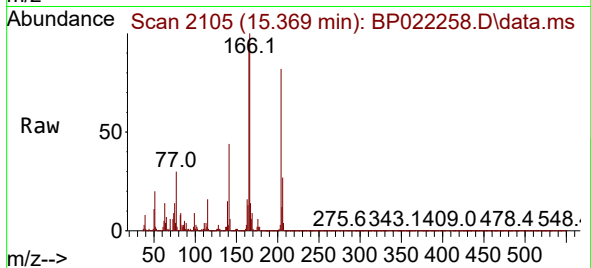




#62
4-Chlorophenyl-phenylether
Concen: 10.511 ng/ul
RT: 15.369 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

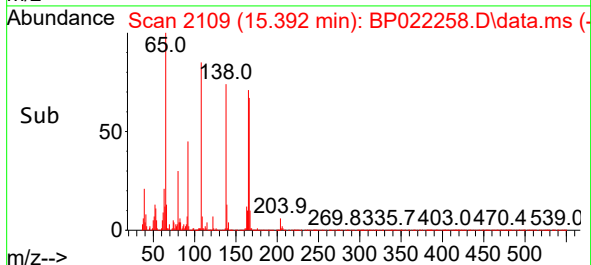
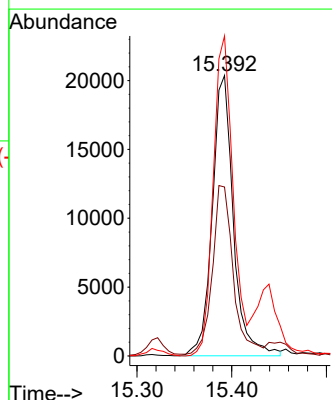
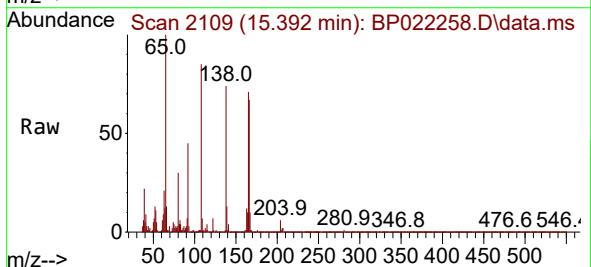
Instrument :
BNA_P
ClientSampleId :
SSTD010622

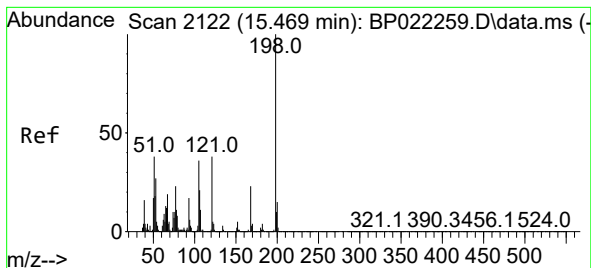
Tgt Ion:204 Resp: 100493
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 54.3 42.6 63.8



#63
4-Nitroaniline
Concen: 10.564 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:138 Resp: 31557
Ion Ratio Lower Upper
138 100
92 60.2 49.1 73.7
108 114.1 90.6 136.0

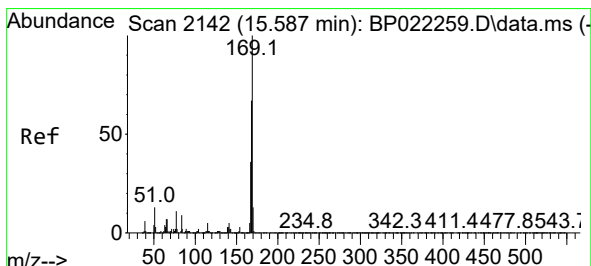
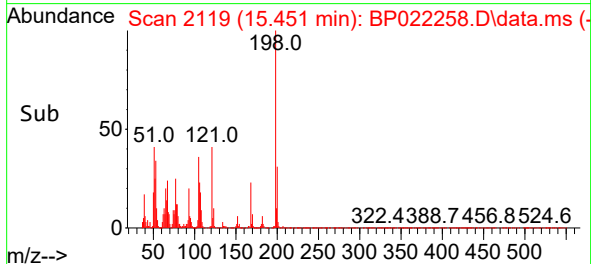
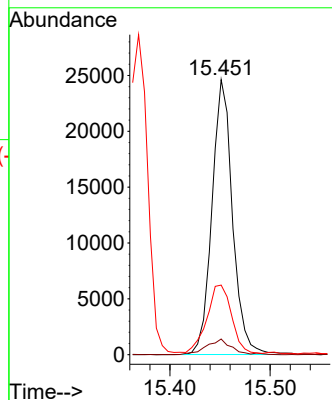
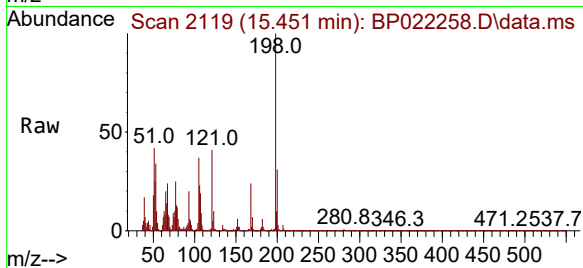




#66
4,6-Dinitro-2-methylphenol
Concen: 9.964 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

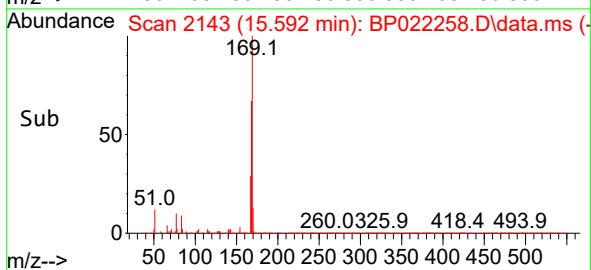
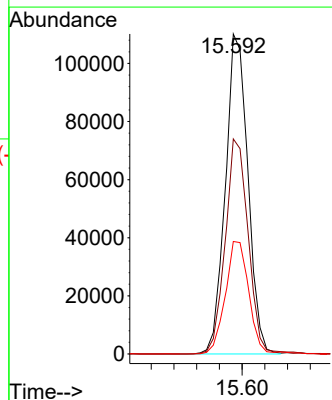
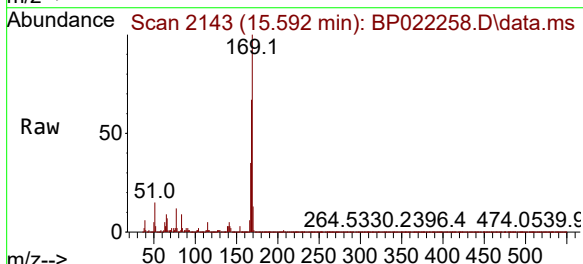
Instrument :
BNA_P
ClientSampleId :
SSTD010622

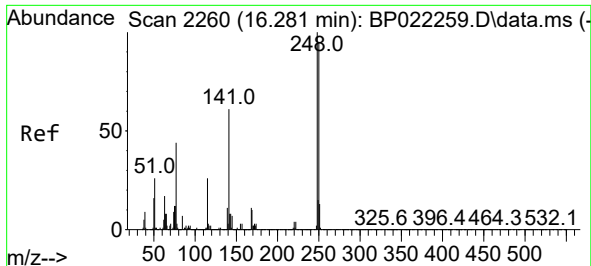
Tgt Ion:198 Resp: 34975
Ion Ratio Lower Upper
198 100
182 5.7 3.4 5.2#
77 25.3 19.4 29.0



#67
N-Nitrosodiphenylamine
Concen: 11.086 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:169 Resp: 151625
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 35.2 29.0 43.6

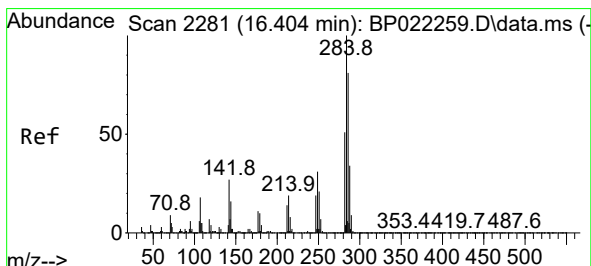
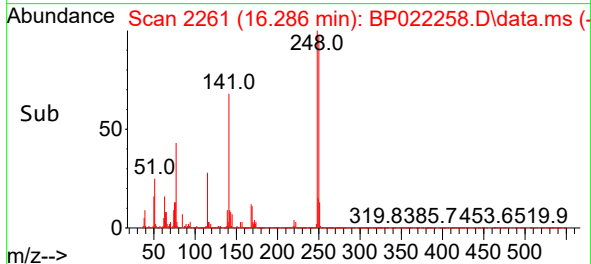
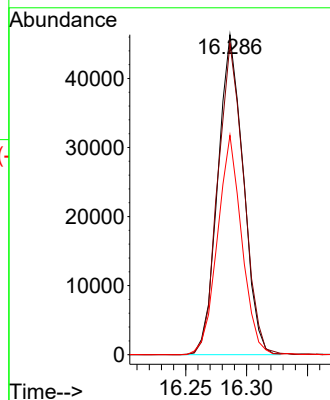
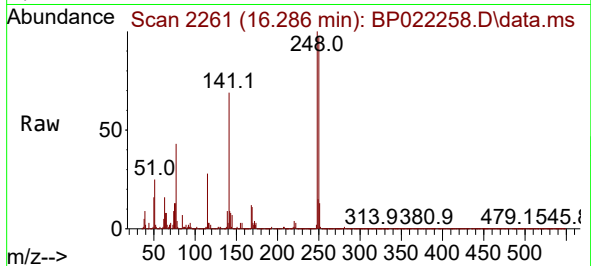




#68
4-Bromophenyl-phenylether
Concen: 10.791 ng/ul
RT: 16.286 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

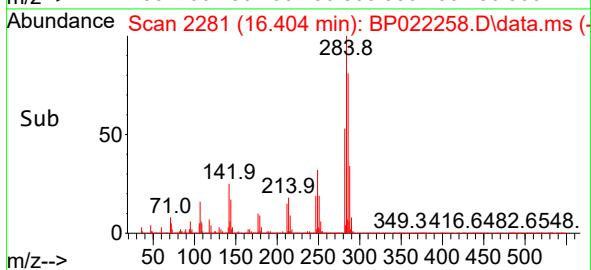
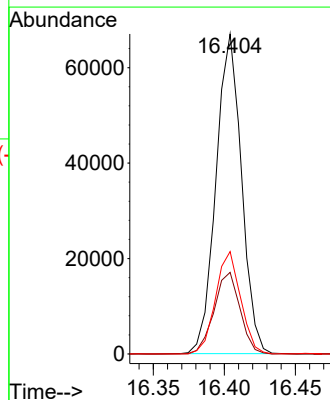
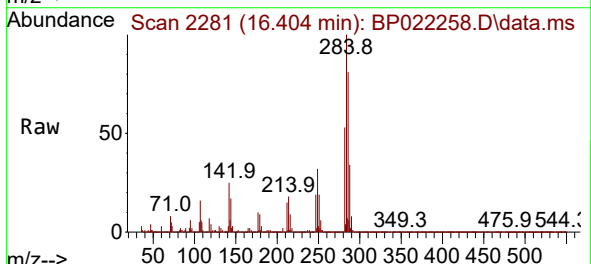
Instrument :
BNA_P
ClientSampleId :
SSTD010622

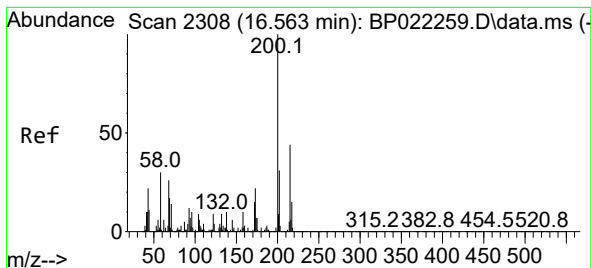
Tgt Ion:248 Resp: 67296
Ion Ratio Lower Upper
248 100
250 97.3 76.0 114.0
141 68.6 49.0 73.6



#69
Hexachlorobenzene
Concen: 11.037 ng/ul
RT: 16.404 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:284 Resp: 83578
Ion Ratio Lower Upper
284 100
142 25.5 21.8 32.8
249 32.0 24.8 37.2





#70

Atrazine

Concen: 10.911 ng/ul

RT: 16.569 min Scan# 2308

Delta R.T. 0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

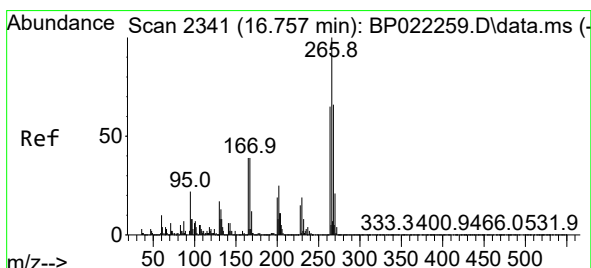
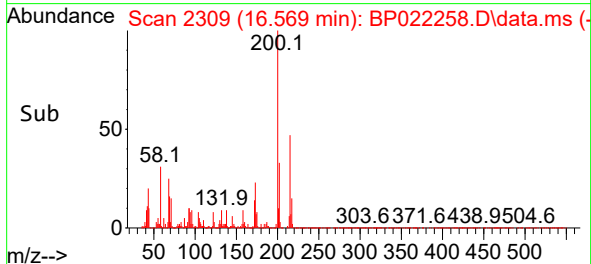
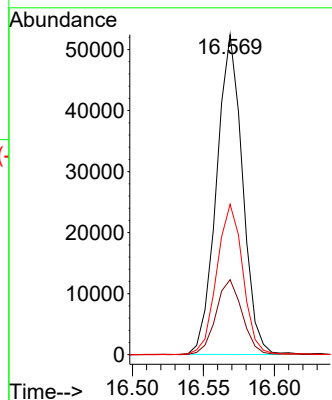
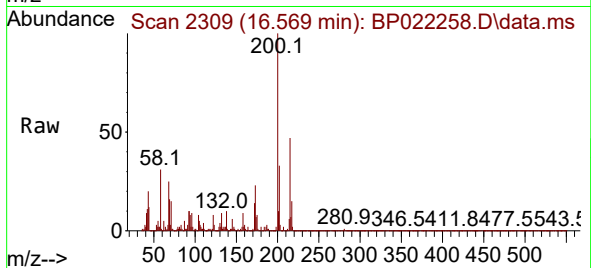
Tgt Ion:200 Resp: 66573

Ion Ratio Lower Upper

200 100

173 23.5 18.0 27.0

215 47.0 35.0 52.4



#71

Pentachlorophenol

Concen: 9.326 ng/ul

RT: 16.757 min Scan# 2341

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

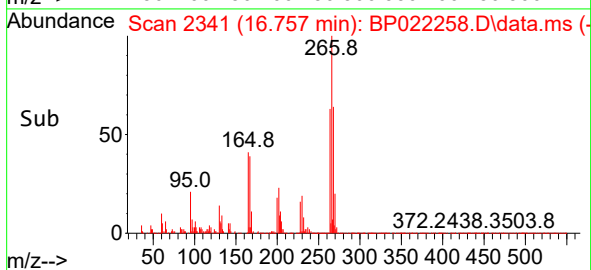
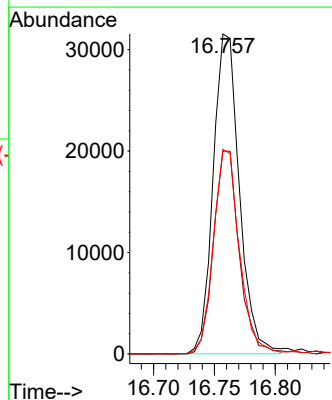
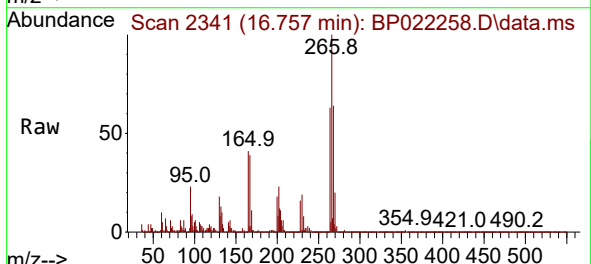
Tgt Ion:266 Resp: 47117

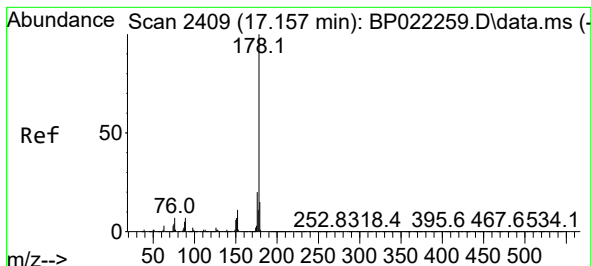
Ion Ratio Lower Upper

266 100

264 63.4 52.4 78.6

268 63.9 53.0 79.4





#72

Phenanthrene

Concen: 10.984 ng/ul

RT: 17.151 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

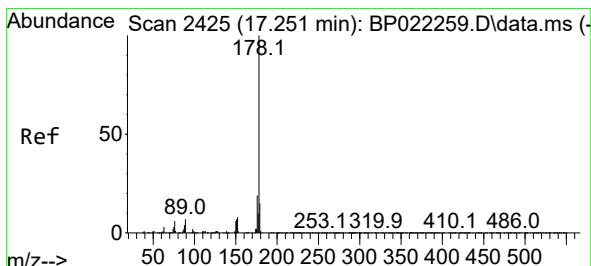
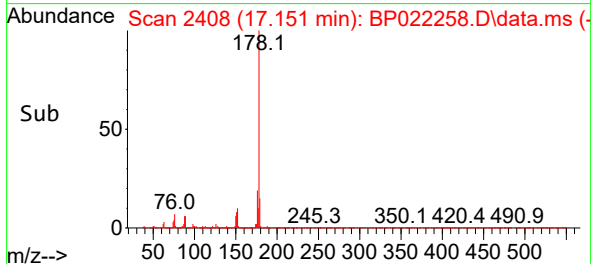
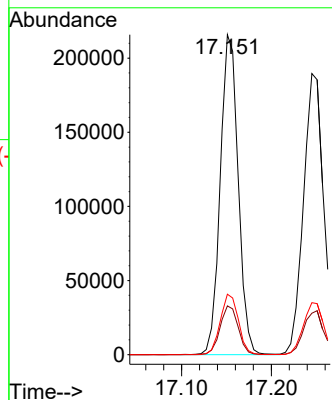
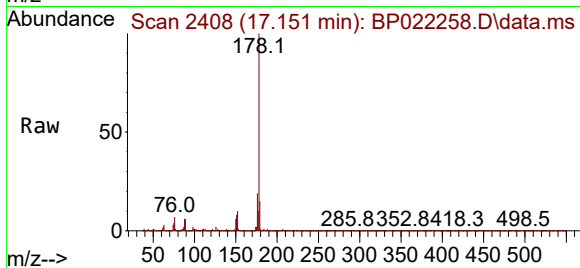
Tgt Ion:178 Resp: 299068

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.9 15.7 23.5



#74

Anthracene

Concen: 10.633 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

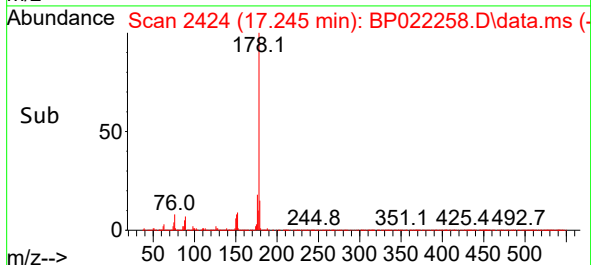
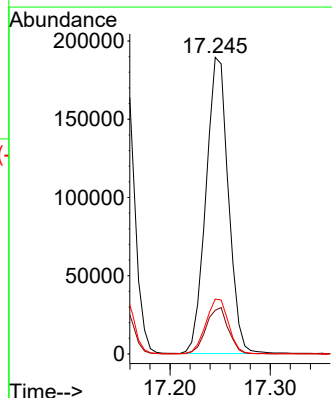
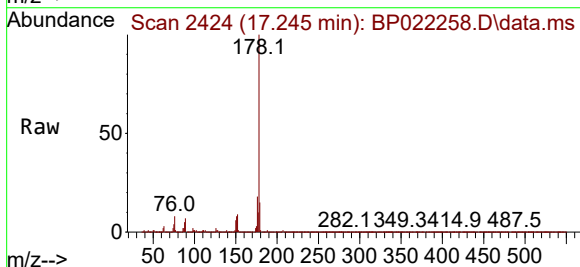
Tgt Ion:178 Resp: 294613

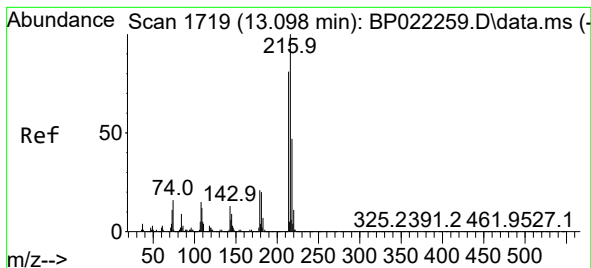
Ion Ratio Lower Upper

178 100

179 14.8 12.0 18.0

176 18.5 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 11.292 ng/uL

RT: 13.104 min Scan# 1719

Delta R.T. 0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

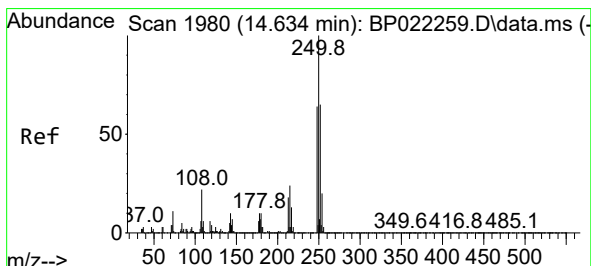
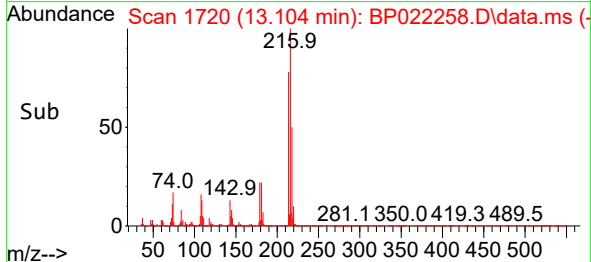
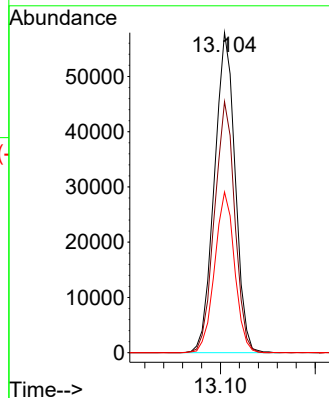
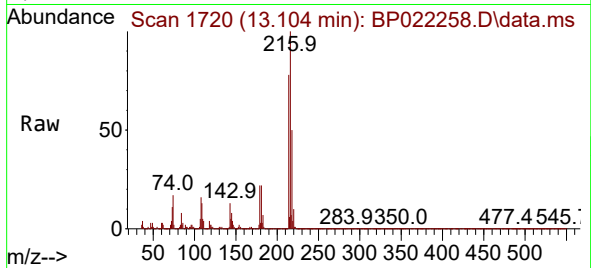
Tgt Ion:216 Resp: 87998

Ion Ratio Lower Upper

216 100

214 78.5 64.4 96.6

218 50.2 37.6 56.4



#76

Pentachlorobenzene

Concen: 11.352 ng/uL

RT: 14.645 min Scan# 1982

Delta R.T. 0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

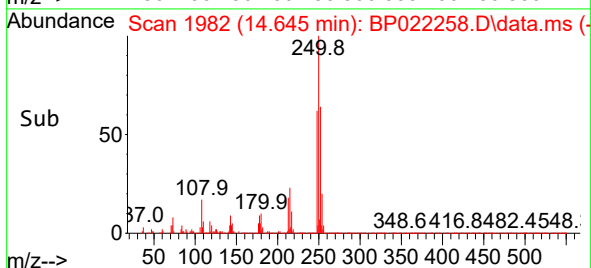
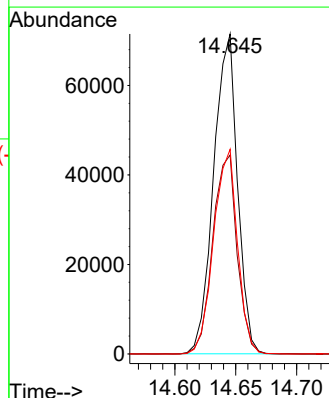
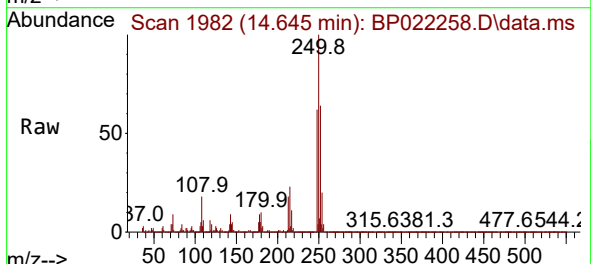
Tgt Ion:250 Resp: 97282

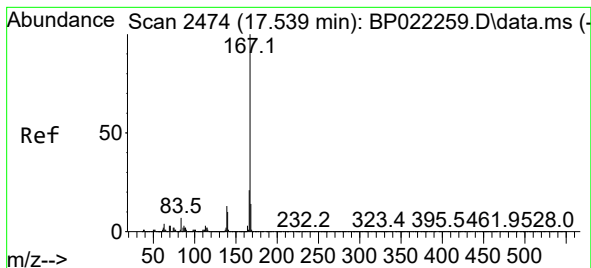
Ion Ratio Lower Upper

250 100

248 62.2 51.1 76.7

252 63.9 51.7 77.5





#77

Carbazole

Concen: 10.713 ng/ul

RT: 17.522 min Scan# 2471

Delta R.T. -0.018 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

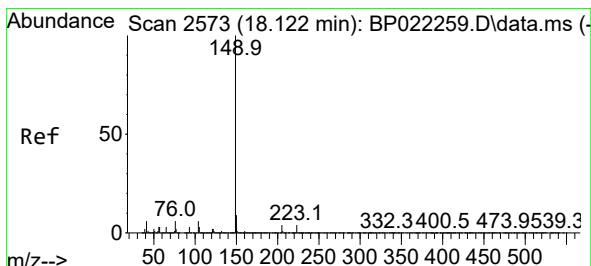
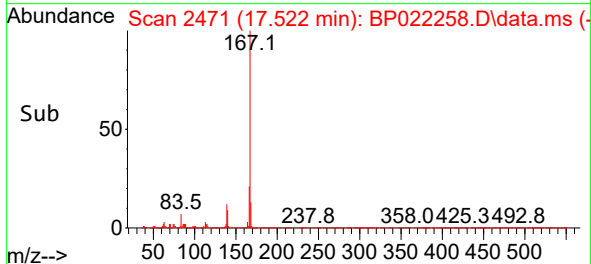
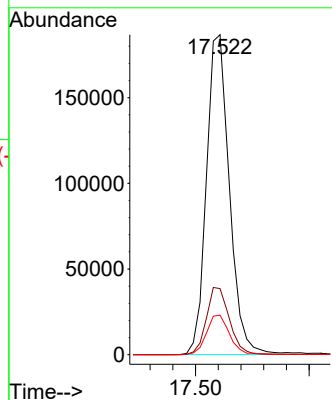
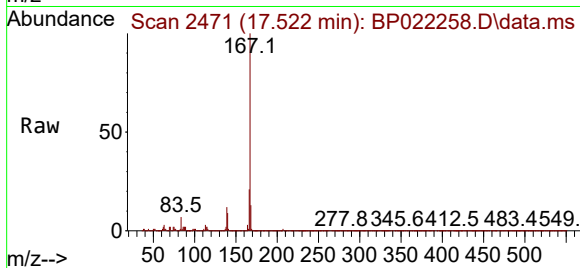
Tgt Ion:167 Resp: 261612

Ion Ratio Lower Upper

167 100

166 20.6 17.0 25.6

139 12.3 10.3 15.5



#78

Di-n-butylphthalate

Concen: 10.116 ng/ul

RT: 18.122 min Scan# 2573

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

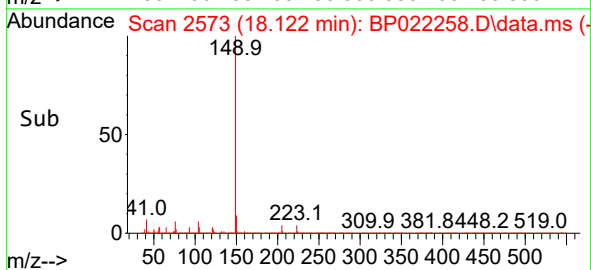
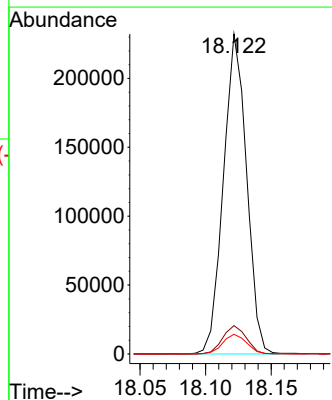
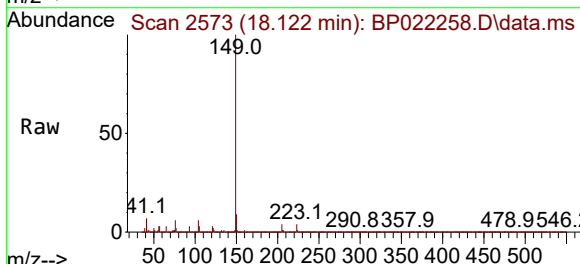
Tgt Ion:149 Resp: 284812

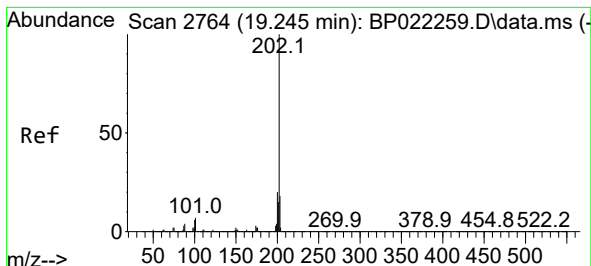
Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 6.2 4.8 7.2





#80

Fluoranthene

Concen: 10.859 ng/ul

RT: 19.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

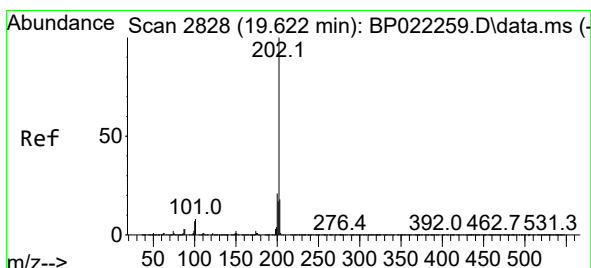
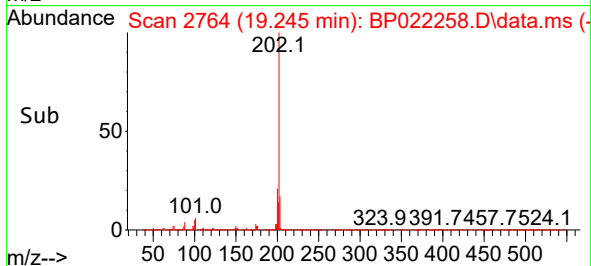
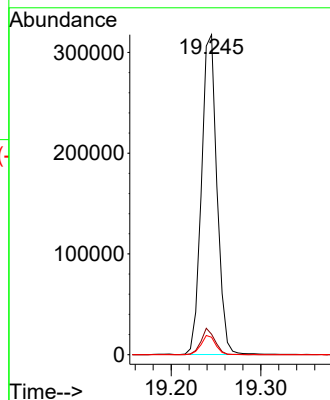
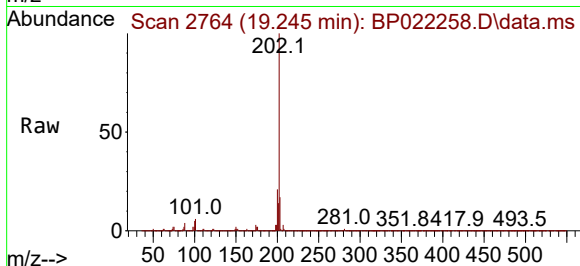
Tgt Ion:202 Resp: 381050

Ion Ratio Lower Upper

202 100

101 6.4 5.8 8.8

100 5.5 4.5 6.7



#82

Pyrene

Concen: 11.020 ng/ul

RT: 19.621 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

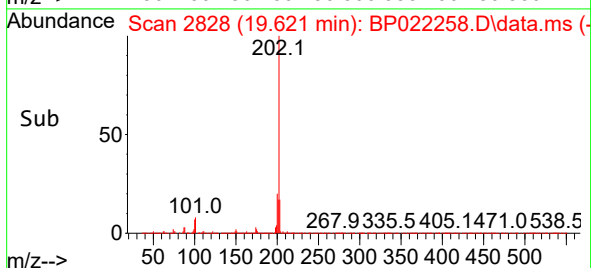
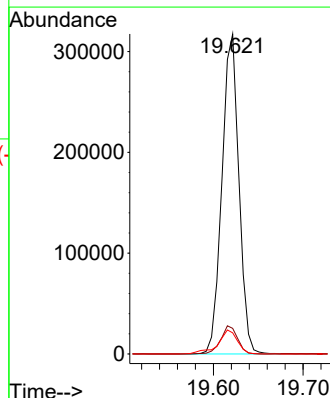
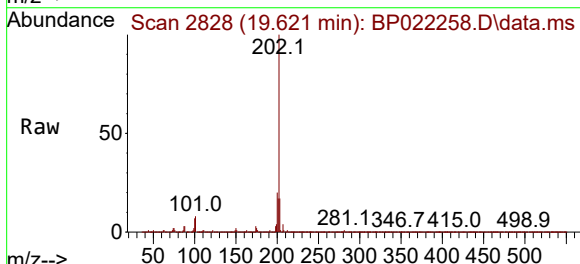
Tgt Ion:202 Resp: 416248

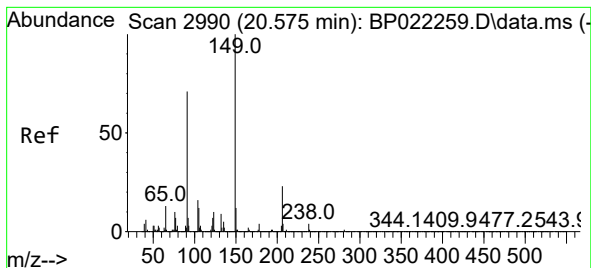
Ion Ratio Lower Upper

202 100

101 8.0 6.7 10.1

100 6.6 5.8 8.6





#83

Butylbenzylphthalate

Concen: 10.578 ng/ul

RT: 20.574 min Scan# 2990

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

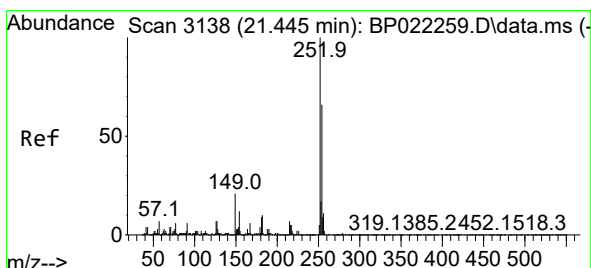
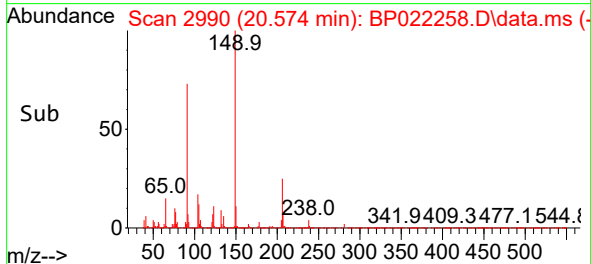
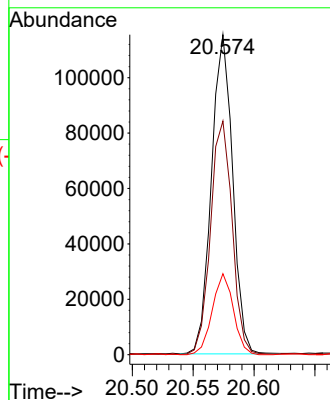
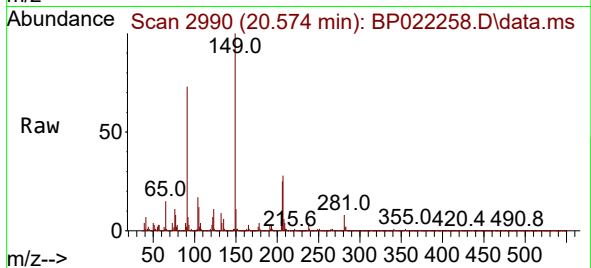
Tgt Ion:149 Resp: 139253

Ion Ratio Lower Upper

149 100

91 73.0 56.6 84.8

206 25.3 18.6 27.8



#84

3,3'-Dichlorobenzidine

Concen: 11.044 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

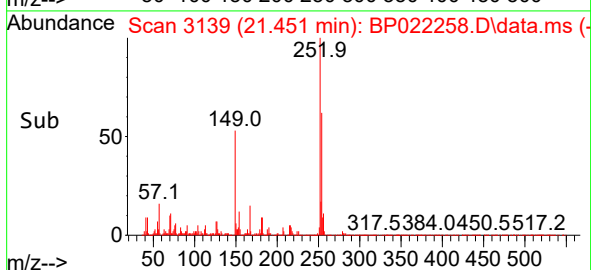
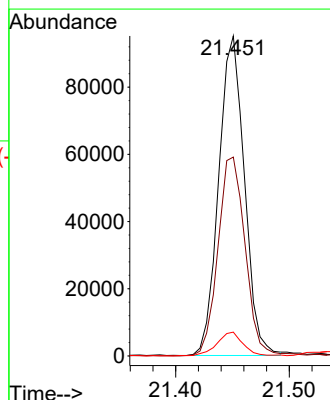
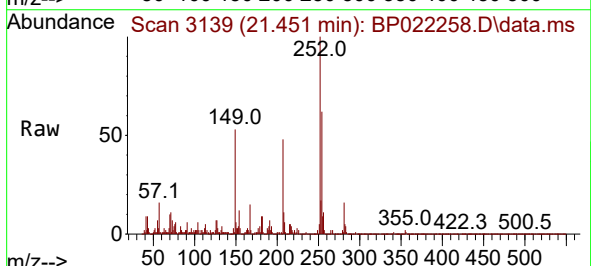
Tgt Ion:252 Resp: 149852

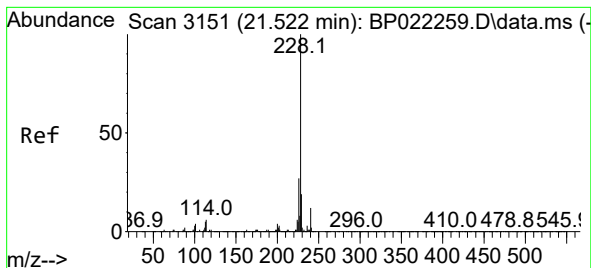
Ion Ratio Lower Upper

252 100

254 62.2 53.0 79.4

126 7.5 5.8 8.6





#85

Benzo(a)anthracene

Concen: 10.889 ng/ul

RT: 21.521 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

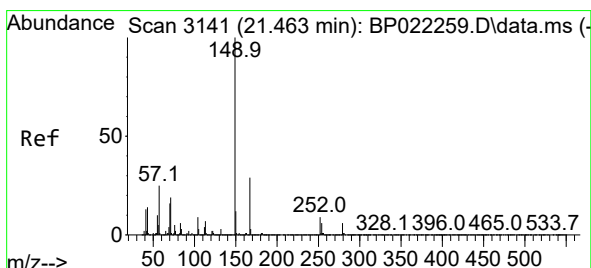
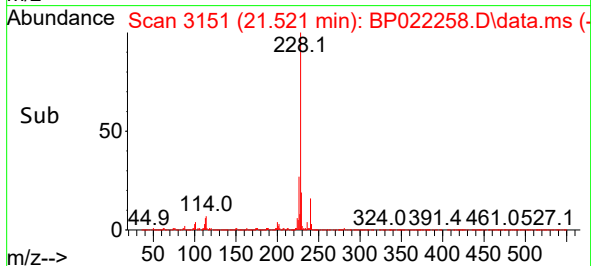
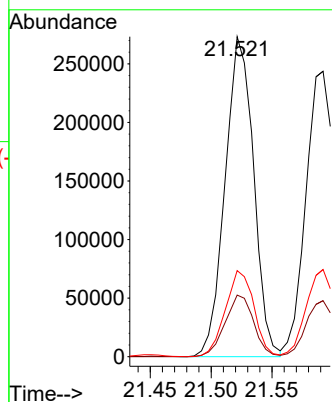
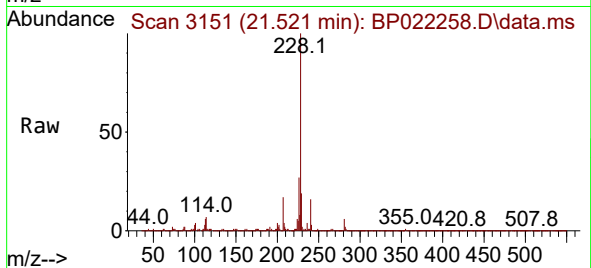
Tgt Ion:228 Resp: 444701

Ion Ratio Lower Upper

228 100

229 19.2 15.4 23.0

226 26.9 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 10.797 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

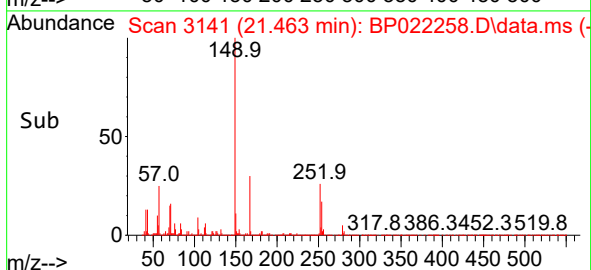
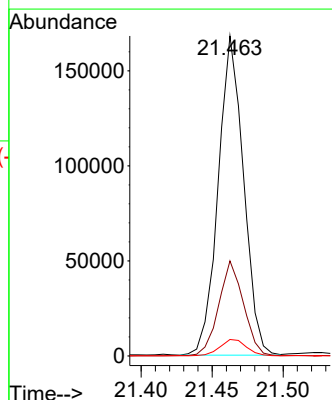
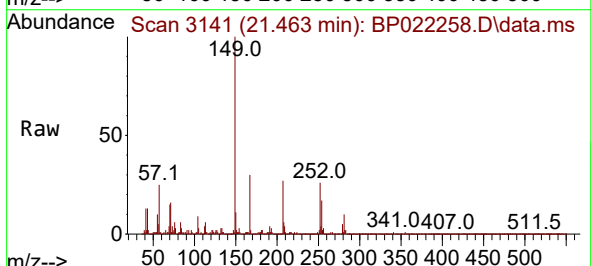
Tgt Ion:149 Resp: 208537

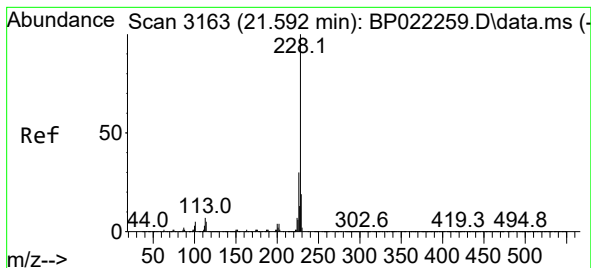
Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

279 5.1 4.8 7.2





#87

Chrysene

Concen: 10.860 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

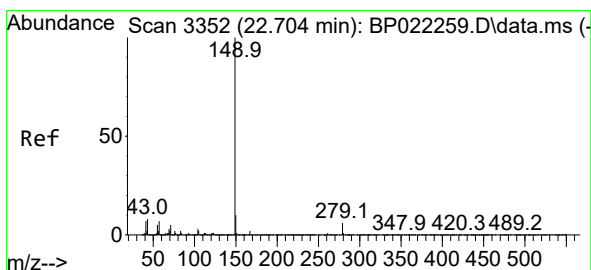
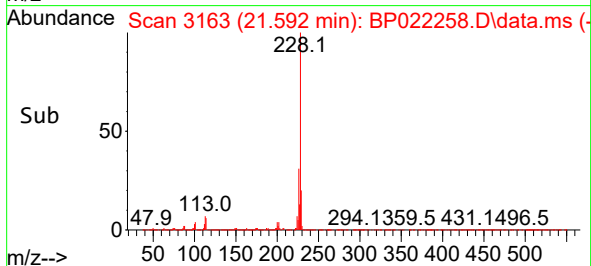
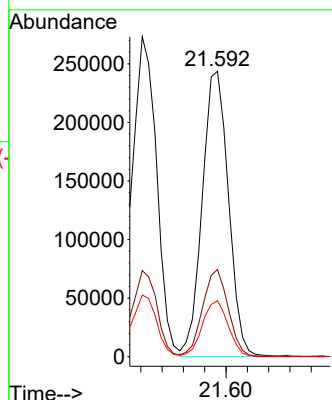
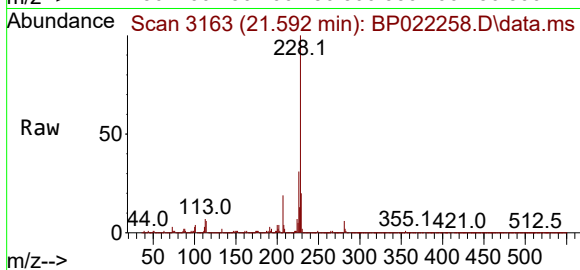
Tgt Ion:228 Resp: 416266

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.8

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 9.845 ng/ul

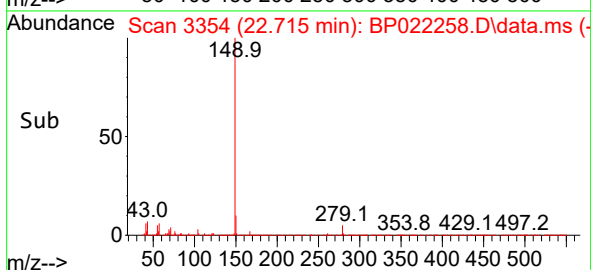
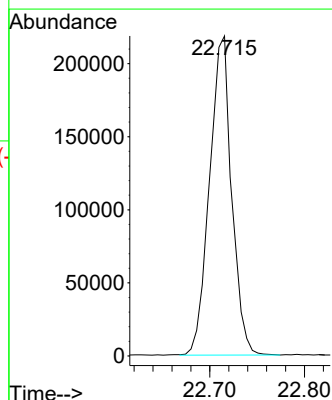
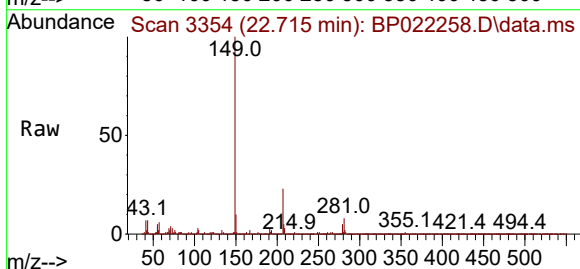
RT: 22.715 min Scan# 3354

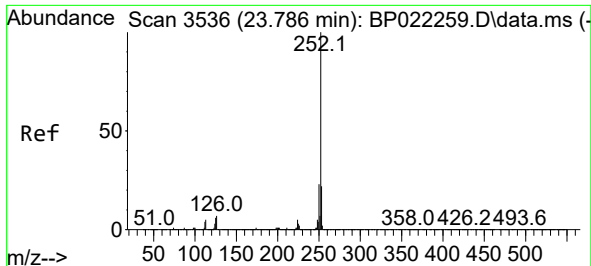
Delta R.T. 0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Tgt Ion:149 Resp: 353971

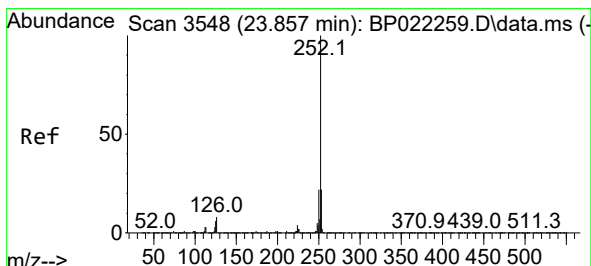
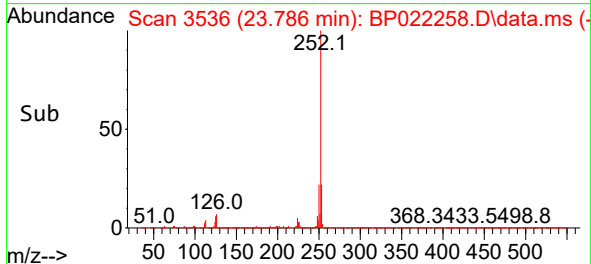
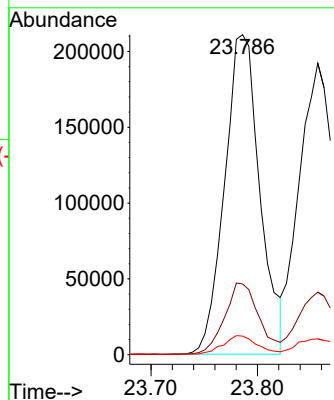
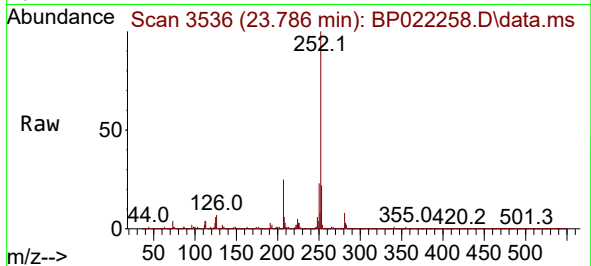




#90
Benzo(b)fluoranthene
Concen: 10.751 ng/ul
RT: 23.786 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

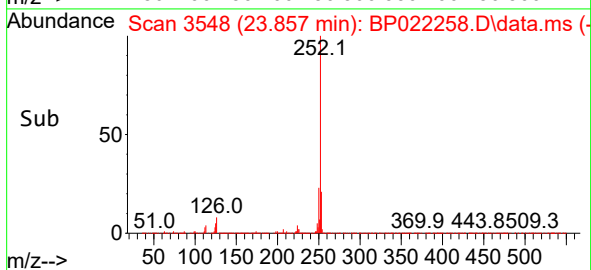
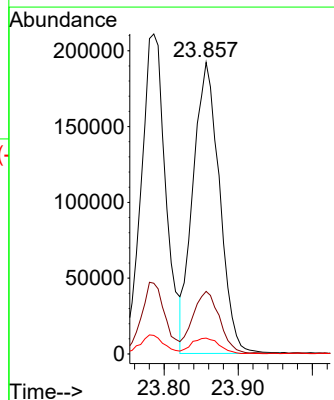
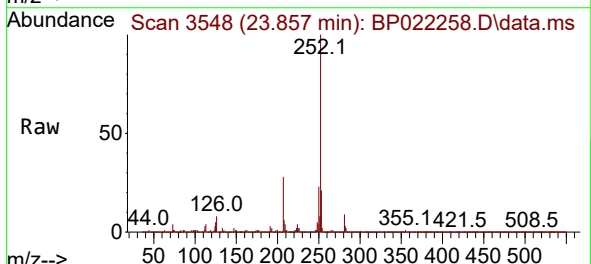
Instrument :
BNA_P
ClientSampleId :
SSTD010622

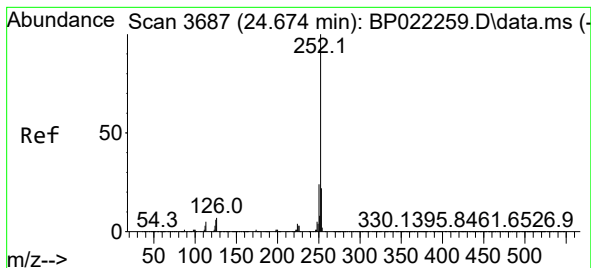
Tgt Ion:252 Resp: 485719
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.8 5.0 7.4



#91
Benzo(k)fluoranthene
Concen: 10.568 ng/ul
RT: 23.857 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP022258.D
Acq: 07 Oct 2024 17:22

Tgt Ion:252 Resp: 475856
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 5.5 4.6 6.8





#93

Benzo(a)pyrene

Concen: 10.599 ng/ul

RT: 24.674 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

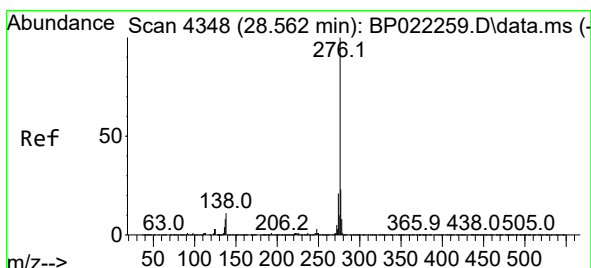
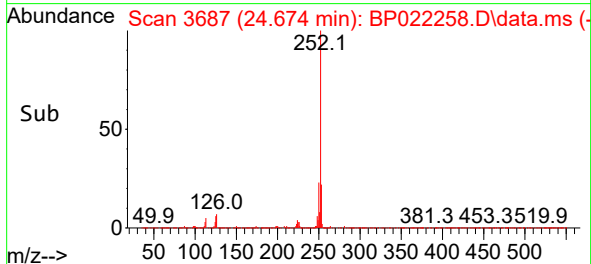
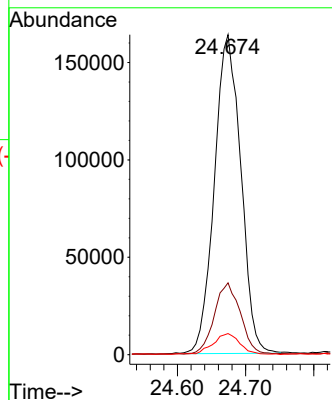
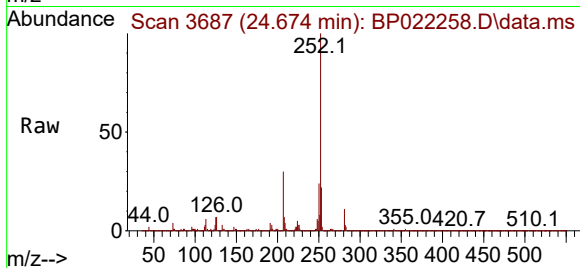
Tgt Ion:252 Resp: 441258

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 6.6 4.9 7.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.061 ng/ul

RT: 28.556 min Scan# 4347

Delta R.T. -0.006 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

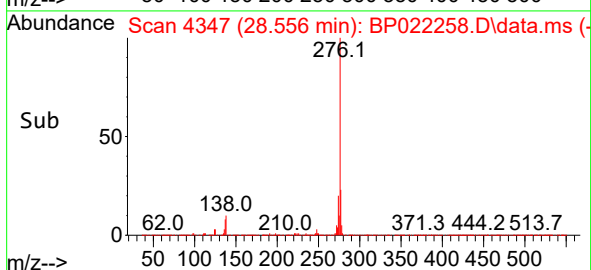
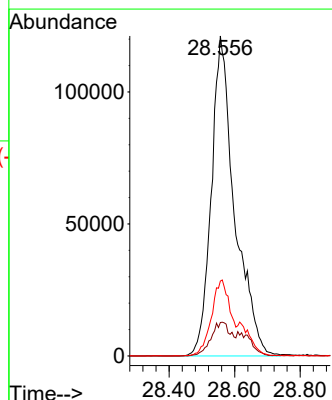
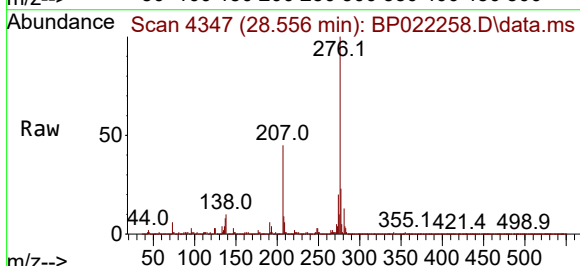
Tgt Ion:276 Resp: 600415

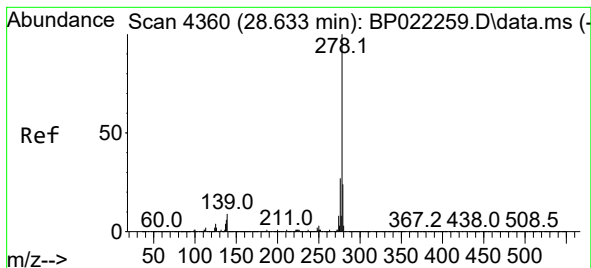
Ion Ratio Lower Upper

276 100

138 10.5 9.1 13.7

277 23.4 18.6 27.8





#95

Dibenzo(a,h)anthracene

Concen: 6.565 ng/ul

RT: 28.621 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Instrument :

BNA_P

ClientSampleId :

SSTD010622

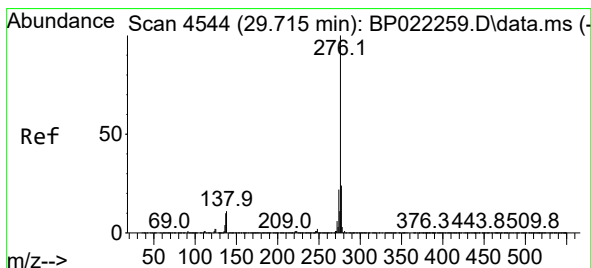
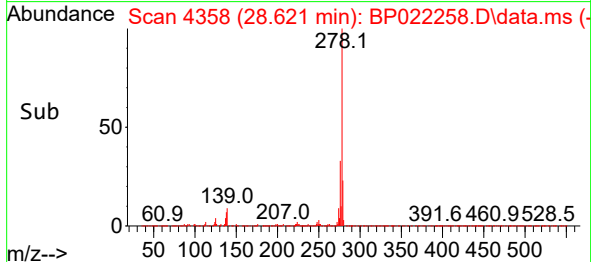
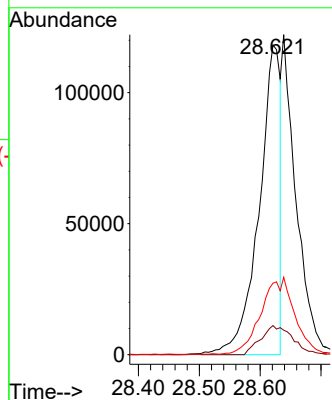
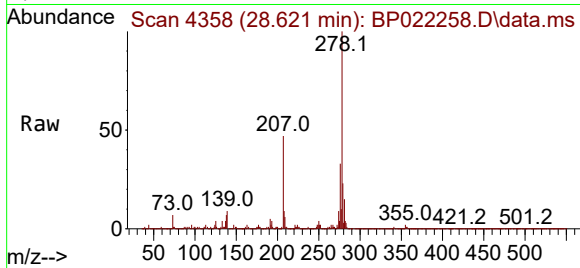
Tgt Ion:278 Resp: 287077

Ion Ratio Lower Upper

278 100

139 9.4 7.3 10.9

279 23.1 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 10.865 ng/ul

RT: 29.703 min Scan# 4542

Delta R.T. -0.012 min

Lab File: BP022258.D

Acq: 07 Oct 2024 17:22

Tgt Ion:276 Resp: 457624

Ion Ratio Lower Upper

276 100

138 10.0 8.5 12.7

277 22.5 19.0 28.4

