

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011201.D
 Acq On : 01 Aug 2022 15:54
 Operator : CG/JU
 Sample : N3790-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 01 23:00:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	231298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	908989	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.316	164	446777	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	893069	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.216	240	830069	20.000	ng/ul	# 0.00
88) Perylene-d12	23.563	264	944598	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	73	0.014	ng/uL	-0.04
4) Pyridine-d5	3.558	84	185267	12.966	ng/ul	0.00
7) Phenol-d5	6.828	99	498398	24.687	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	358653	25.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	406937	25.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	380326	23.029	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	193894	27.447	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	180672	26.700	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	324454	27.207	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	412069	21.315	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	942432	30.961	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1158922	30.297	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	186447	34.052	ng/ul	0.00
60) Fluorene-d10	15.316	176	812372	31.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	131709	29.256	ng/ul	0.00
73) Anthracene-d10	17.186	188	1282557	32.593	ng/ul	0.00
81) Pyrene-d10	19.445	212	1522245	34.129	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1603853	34.185	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	42218	8.075	ng/uL#	82
5) Pyridine	3.581	79	248898	16.887	ng/ul#	72
6) Benzaldehyde	6.799	77	459527	47.187	ng/ul	97
8) Phenol	6.858	94	629573	29.067	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.087	93	533480	30.378	ng/ul	94
12) 2-Chlorophenol	7.210	128	507306	30.670	ng/ul	98
13) 2-Methylphenol	8.099	108	454905	28.337	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	474678	16.138	ng/ul	96
16) Acetophenone	8.475	105	764041	29.742	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.463	70	386720	28.478	ng/ul	98
18) 4-Methylphenol	8.434	108	483131	27.945	ng/ul	99
19) Hexachloroethane	8.716	117	235591	31.707	ng/ul#	74
22) Nitrobenzene	8.852	77	597403	32.892	ng/ul	98
23) Isophorone	9.381	82	1057029	32.166	ng/ul	96
25) 2-Nitrophenol	9.563	139	242744	31.925	ng/ul	91
26) 2,4-Dimethylphenol	9.628	107	475529	29.112	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	643831	31.182	ng/ul	98
29) 2,4-Dichlorophenol	10.093	162	388379	31.490	ng/ul	98
30) Naphthalene	10.493	128	1624236	33.964	ng/ul	99
32) 4-Chloroaniline	10.616	127	511743	26.640	ng/ul	99
33) Hexachlorobutadiene	10.769	225	248017	32.926	ng/ul	96
34) Caprolactam	11.410	113	135311	32.989	ng/ul	90
35) 4-Chloro-3-methylphenol	11.751	107	473800	34.262	ng/ul	99
36) 2-Methylnaphthalene	12.116	142	983911	32.512	ng/ul	98

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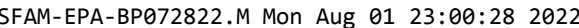
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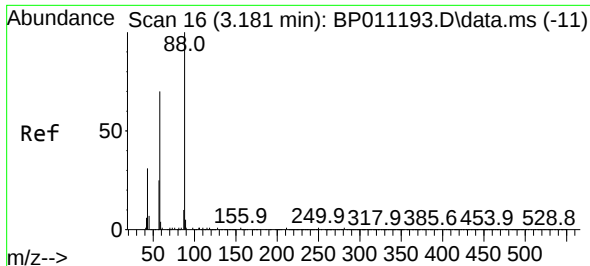
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	987081	32.558	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	404264	32.523	ng/ul#	97
40) Hexachlorocyclopentadiene	12.463	237	163042	19.895	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	281783	36.101	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	313772	37.974	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	1180967	33.083	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	876602	32.847	ng/ul	95
45) 2-Nitroaniline	13.398	65	295561	38.106	ng/ul	98
47) Dimethylphthalate	13.787	163	1113091	36.309	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	212510	39.673	ng/ul	89
50) Acenaphthylene	14.034	152	1497636	35.047	ng/ul	98
51) 3-Nitroaniline	14.234	138	242765	41.964	ng/ul	98
52) Acenaphthene	14.381	153	1152454	41.288	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	102800	34.029	ng/ul	95
55) 4-Nitrophenol	14.557	109	202354	43.011	ng/ul#	78
56) Dibenzofuran	14.722	168	1504373	39.651	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	341043	45.632	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.951	232	244776	40.740	ng/ul#	80
59) Diethylphthalate	15.163	149	1238715	40.429	ng/ul	97
61) Fluorene	15.375	166	1347842	45.686	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	482862	35.962	ng/ul	89
63) 4-Nitroaniline	15.410	138	247585	50.339	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.469	198	164758	36.035	ng/ul	94
67) N-Nitrosodiphenylamine	15.592	169	980706	35.733	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	298909	34.879	ng/ul#	88
69) Hexachlorobenzene	16.381	284	358800	36.599	ng/ul#	87
70) Atrazine	16.563	200	337936	39.155	ng/ul	96
71) Pentachlorophenol	16.733	266	203465	36.149	ng/ul	96
72) Phenanthrene	17.133	178	5154968	105.471	ng/ul	98
74) Anthracene	17.222	178	2599050	53.751	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	404998	26.305	ng/uL	97
76) Pentachlorobenzene	14.634	250	401559	31.646	ng/uL	99
77) Carbazole	17.504	167	2508646	58.560	ng/ul	97
78) Di-n-butylphthalate	18.069	149	2338327	45.645	ng/ul	99
80) Fluoranthene	19.122	202	6635469	120.433	ng/ul#	84
82) Pyrene	19.480	202	5623924	99.331	ng/ul#	84
83) Butylbenzylphthalate	20.369	149	1106639	48.812	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.139	252	457090	31.571	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	4441782	86.080	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.139	149	1748156	51.019	ng/ul#	95
87) Chrysene	21.257	228	4276983	83.376	ng/ul	97
89) Di-n-octyl phthalate	22.045	149	3049900	46.978	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	5214170	87.562	ng/ul#	95
91) Benzo(k)fluoranthene	22.898	252	3169909	56.089	ng/ul#	93
93) Benzo(a)pyrene	23.463	252	4126174	71.037	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.998	276	3998811	55.881	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.021	278	2731421	44.502	ng/ul#	91
96) Benzo(g,h,i)perylene	26.751	276	2928867	47.323	ng/ul#	86

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

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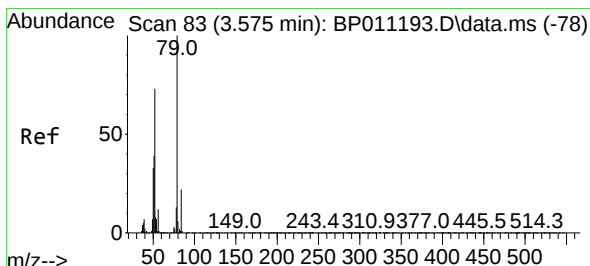
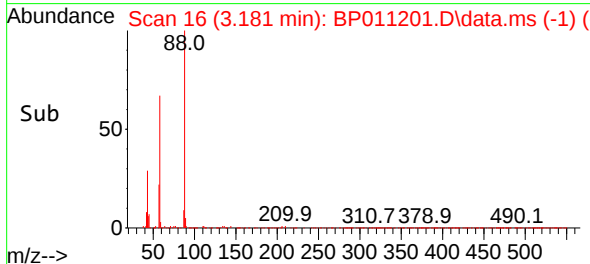
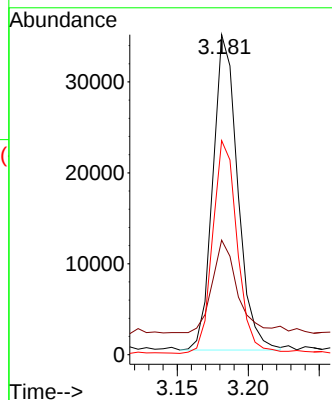
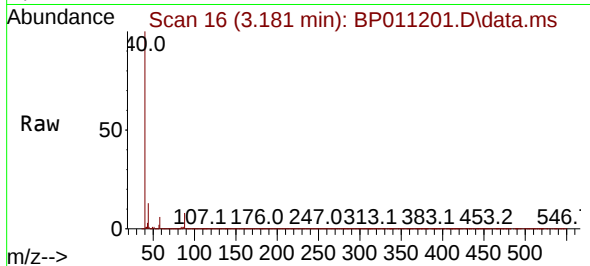




#2
1,4-Dioxane
Concen: 8.075 ng/uL
RT: 3.181 min Scan# 11
Delta R.T. -0.006 min
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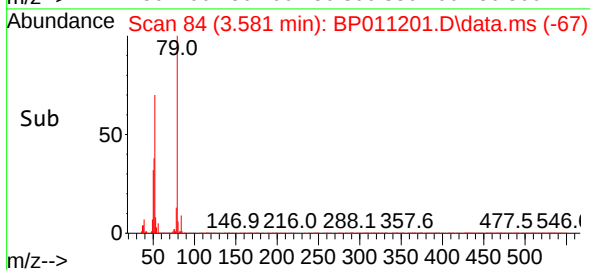
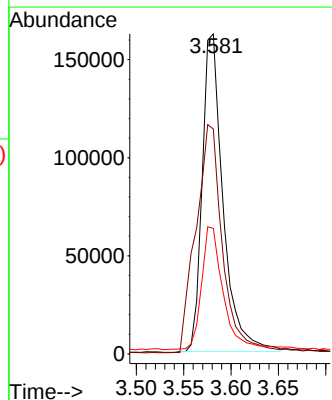
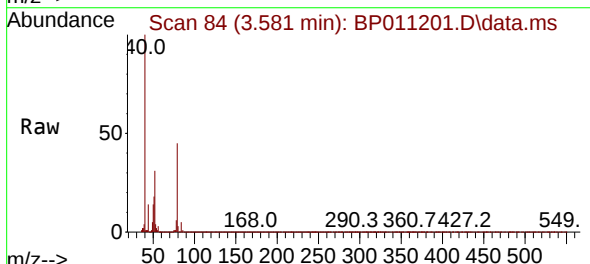
Instrument :
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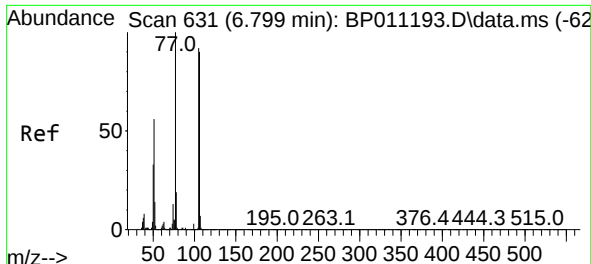
Tgt Ion: 88 Resp: 42218
Ion Ratio Lower Upper
88 100
43 35.8 35.8 53.6
58 66.9 68.1 102.1#



#5
Pyridine
Concen: 16.887 ng/uL
RT: 3.581 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion: 79 Resp: 248898
Ion Ratio Lower Upper
79 100
52 70.3 83.8 125.8#
51 39.3 41.0 61.4#

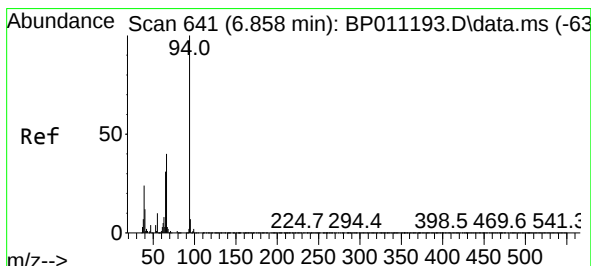
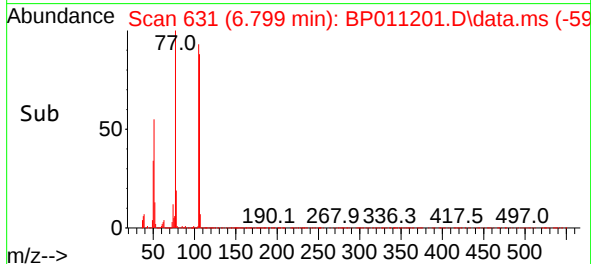
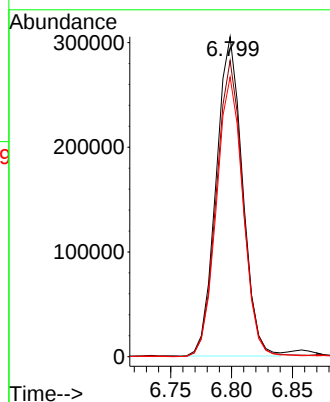
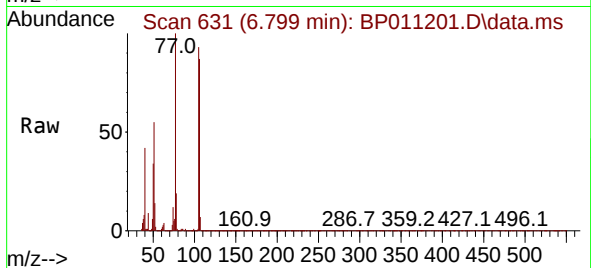




#6
Benzaldehyde
Concen: 47.187 ng/ul
RT: 6.799 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

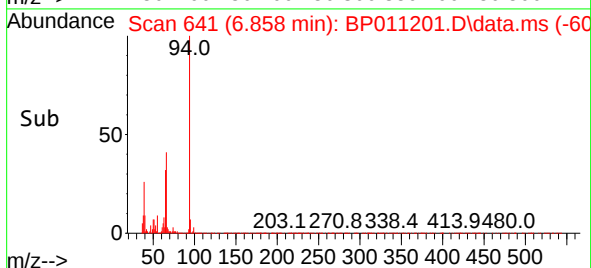
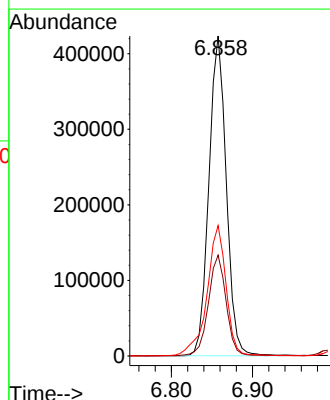
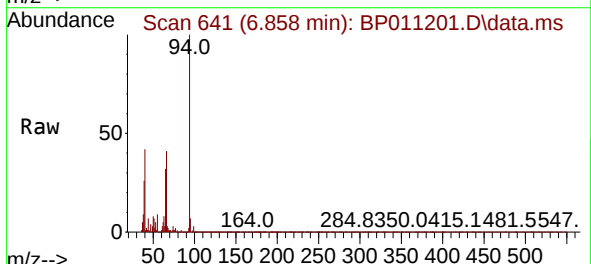
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ClientSampleId :

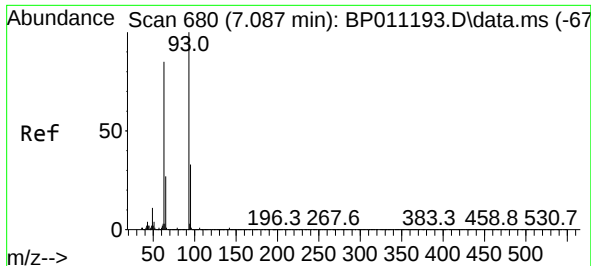
Tgt Ion: 77 Resp: 459527
Ion Ratio Lower Upper
77 100
105 92.6 76.0 114.0
106 87.4 73.2 109.8



#8
Phenol
Concen: 29.067 ng/ul
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion: 94 Resp: 629573
Ion Ratio Lower Upper
94 100
65 31.5 27.4 41.2
66 40.7 37.4 56.2

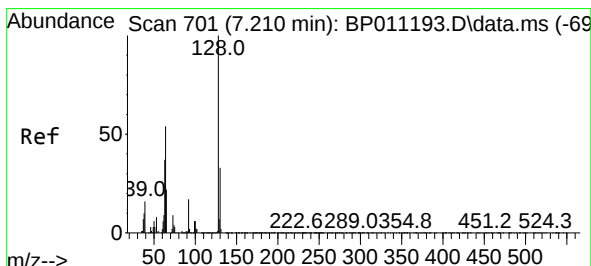
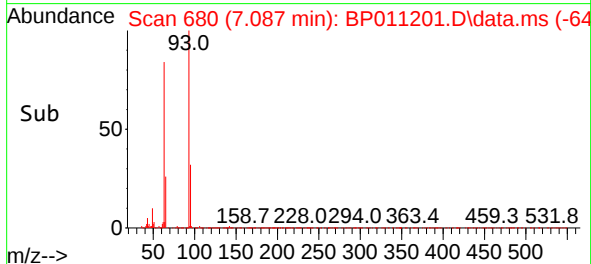
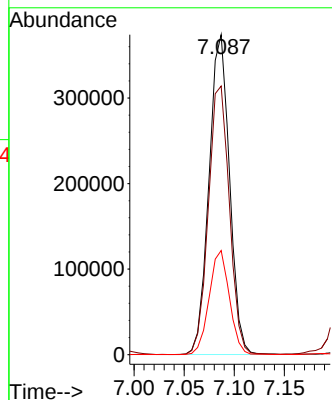
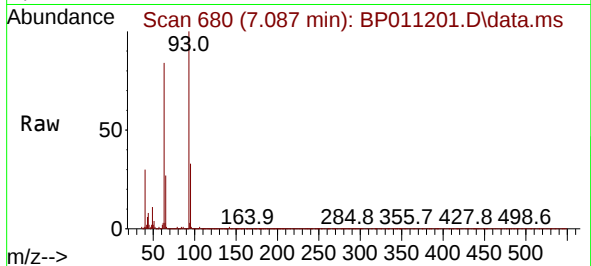




#10
 Bis(2-Chloroethyl)ether
 Concen: 30.378 ng/ul
 RT: 7.087 min Scan# 680
 Delta R.T. 0.000 min
 Lab File: BP011201.D
 Acq: 01 Aug 2022 15:54

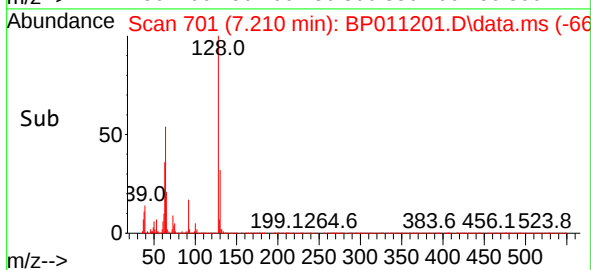
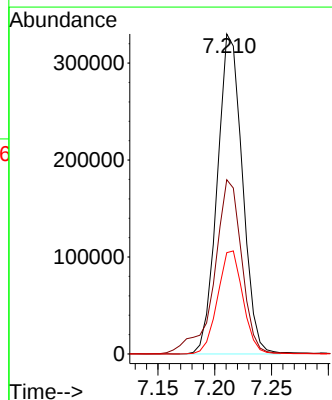
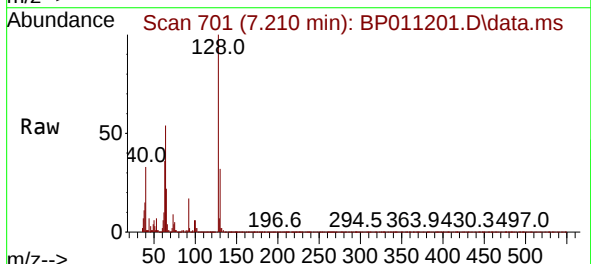
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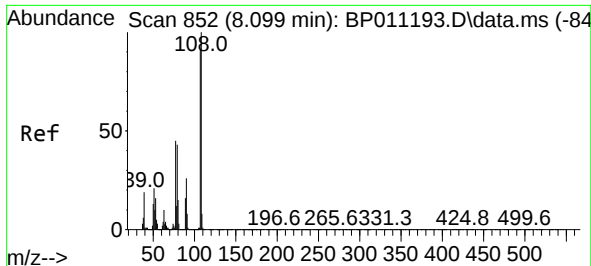
Tgt Ion: 93 Resp: 533480
 Ion Ratio Lower Upper
 93 100
 63 84.0 72.4 108.6
 95 32.5 27.3 40.9



#12
 2-Chlorophenol
 Concen: 30.670 ng/ul
 RT: 7.210 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: BP011201.D
 Acq: 01 Aug 2022 15:54

Tgt Ion: 128 Resp: 507306
 Ion Ratio Lower Upper
 128 100
 64 54.5 44.8 67.2
 130 31.7 25.8 38.6

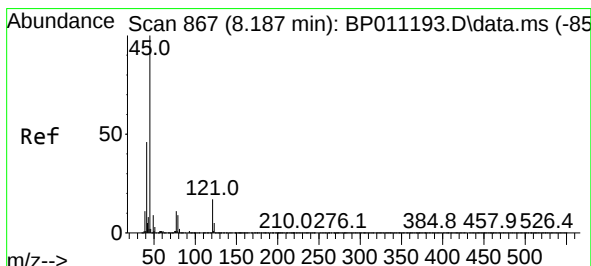
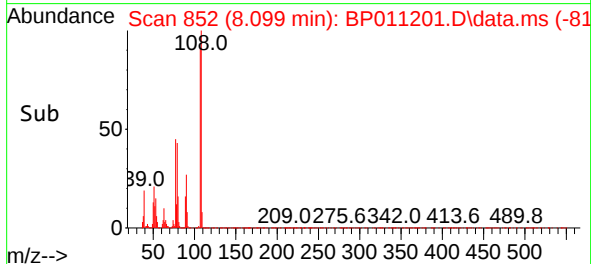
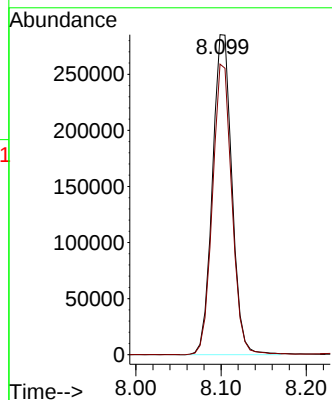
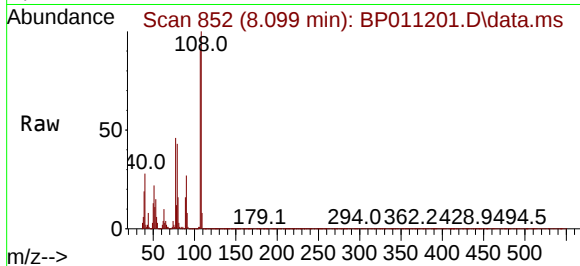




#13
2-Methylphenol
Concen: 28.337 ng/ul
RT: 8.099 min Scan# 852
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

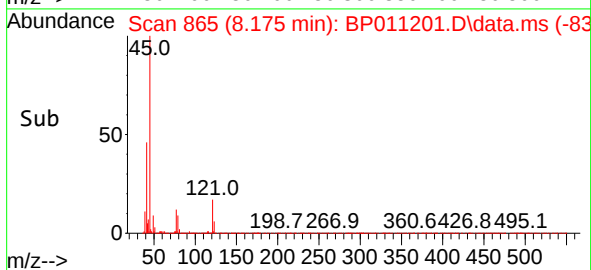
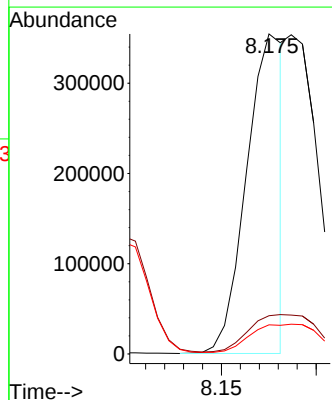
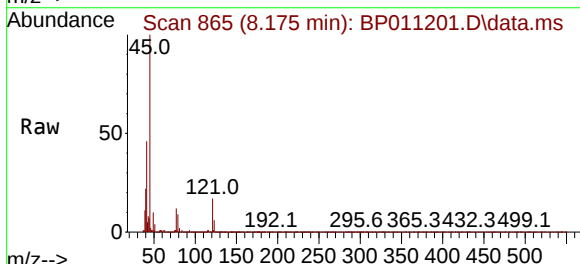
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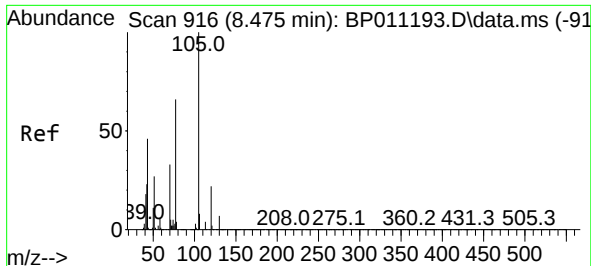
Tgt Ion:108 Resp: 454905
Ion Ratio Lower Upper
108 100
107 90.8 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 16.138 ng/ul
RT: 8.175 min Scan# 865
Delta R.T. -0.018 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion: 45 Resp: 474678
Ion Ratio Lower Upper
45 100
77 11.9 11.2 16.8
79 9.1 6.9 10.3

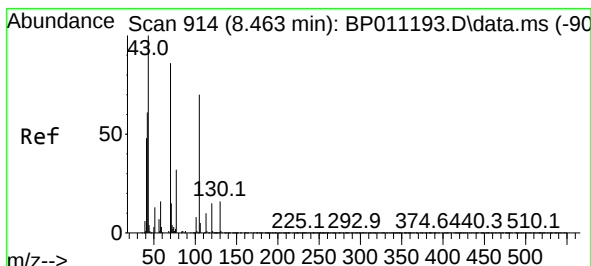
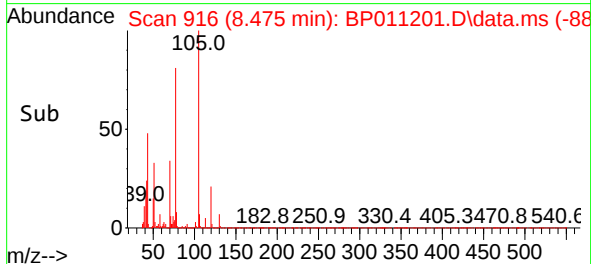
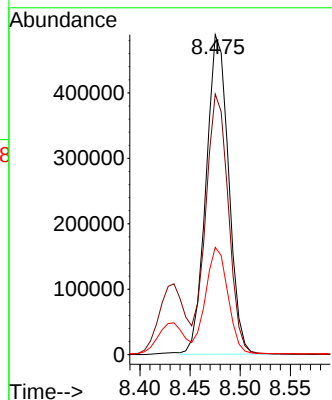
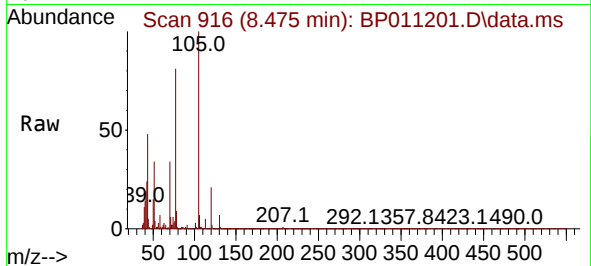




#16
Acetophenone
Concen: 29.742 ng/ul
RT: 8.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP011201.D
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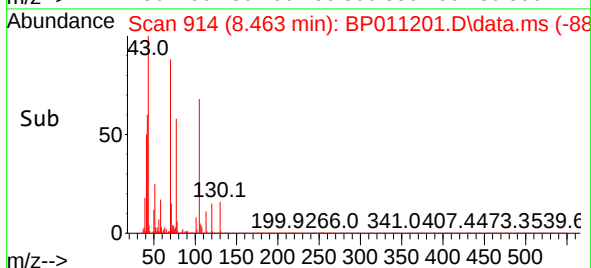
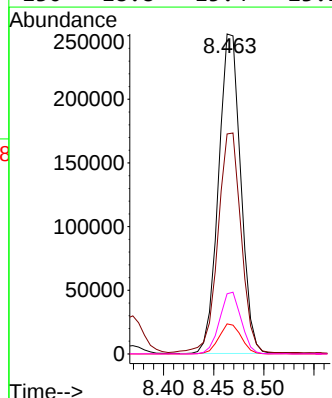
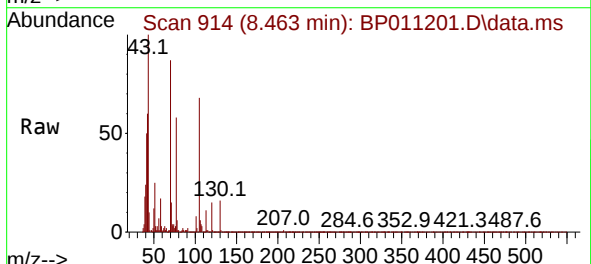
Instrument :
BNA_P
ClientSampleId :

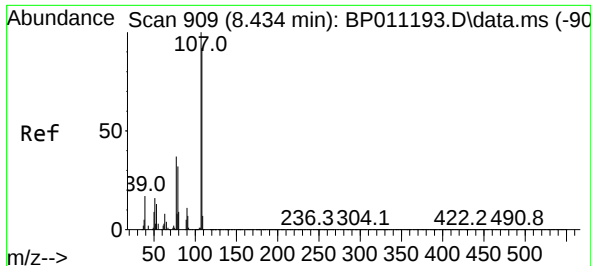
Tgt Ion:105 Resp: 764041
Ion Ratio Lower Upper
105 100
77 81.4 67.5 101.3
51 33.5 29.6 44.4



#17
N-Nitroso-di-n-propylamine
Concen: 28.478 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion: 70 Resp: 386720
Ion Ratio Lower Upper
70 100
42 68.8 53.8 80.8
101 9.4 7.8 11.6
130 18.8 15.4 23.2

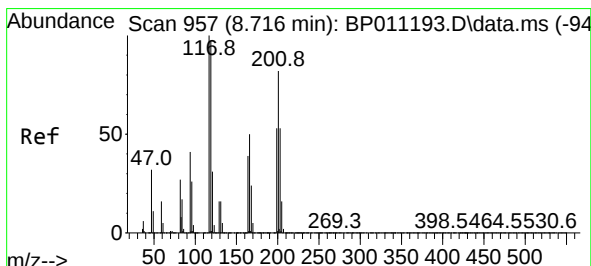
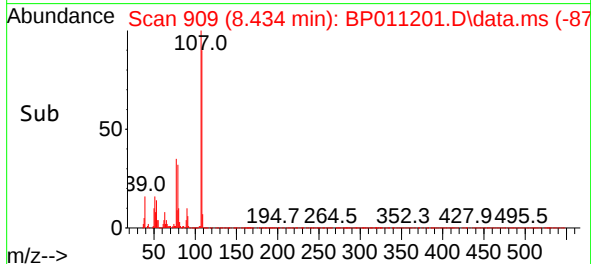
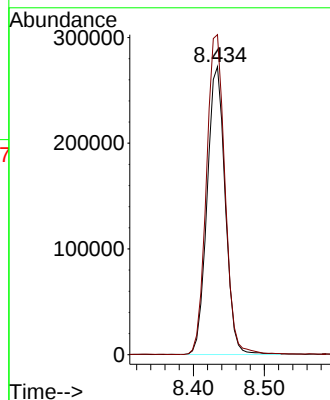
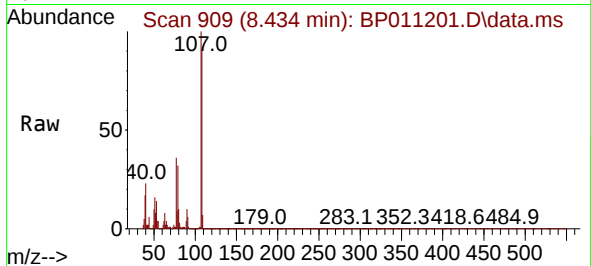




#18
4-Methylphenol
Concen: 27.945 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

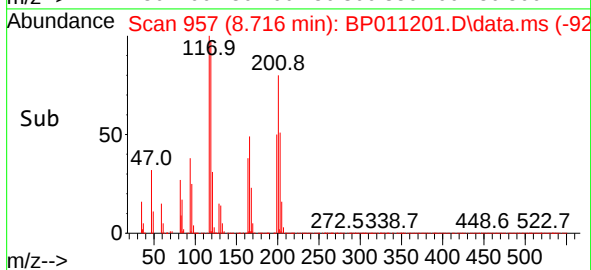
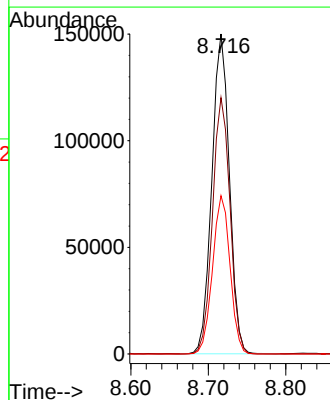
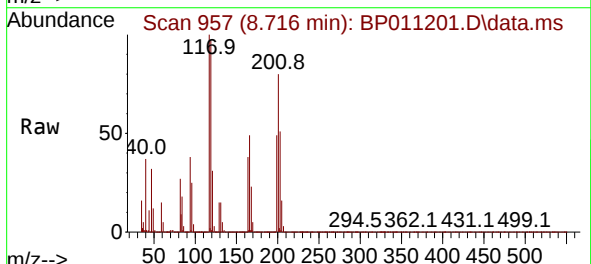
Instrument :
BNA_P
ClientSampleId :

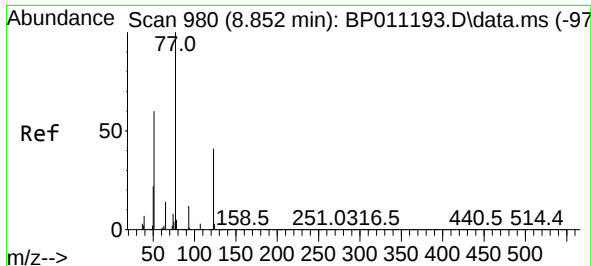
Tgt Ion:108 Resp: 483131
Ion Ratio Lower Upper
108 100
107 111.1 88.3 132.5



#19
Hexachloroethane
Concen: 31.707 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:117 Resp: 235591
Ion Ratio Lower Upper
117 100
201 80.1 85.7 128.5#
199 49.5 57.4 86.0#

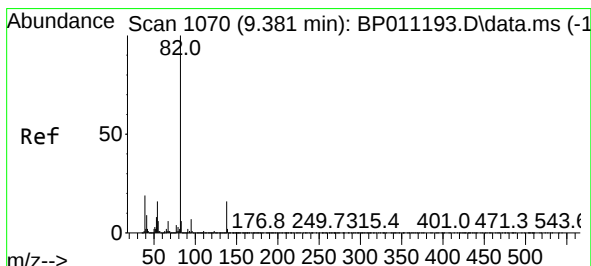
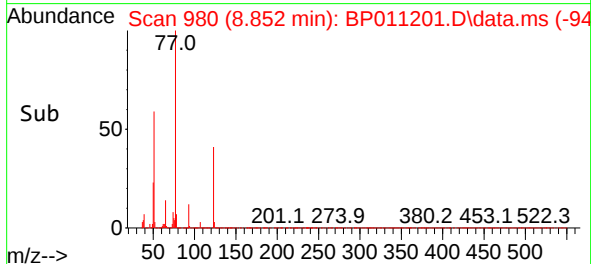
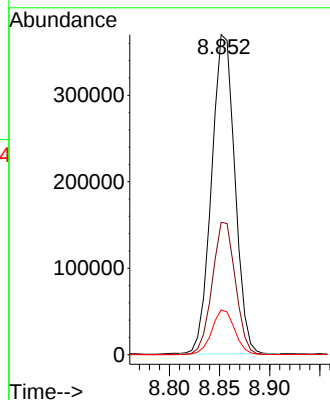
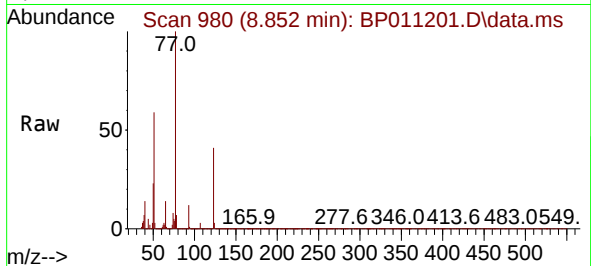




#22
Nitrobenzene
Concen: 32.892 ng/ul
RT: 8.852 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

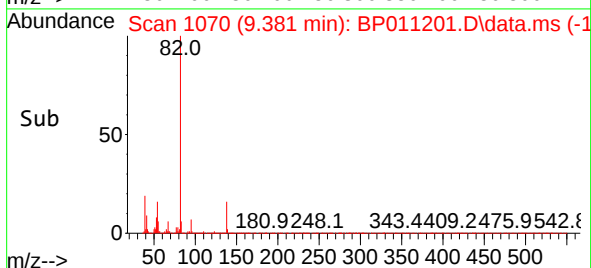
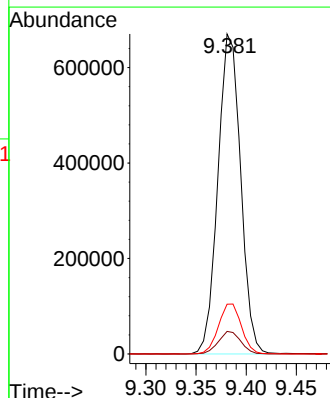
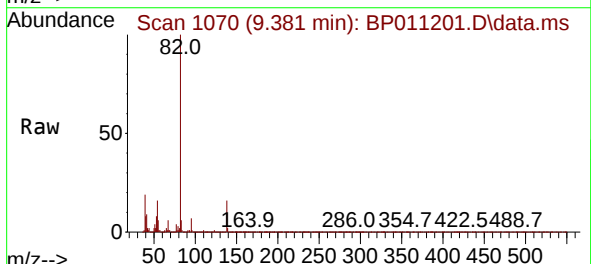
Instrument :
BNA_P
ClientSampleId :

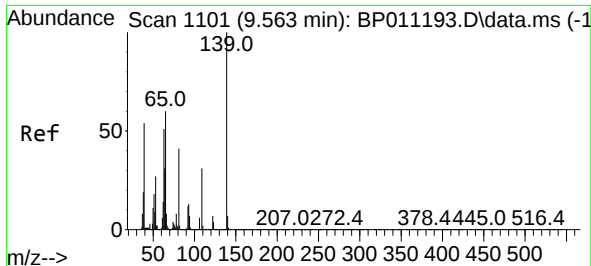
Tgt Ion: 77 Resp: 597403
Ion Ratio Lower Upper
77 100
123 41.3 31.5 47.3
65 14.0 11.4 17.2



#23
Isophorone
Concen: 32.166 ng/ul
RT: 9.381 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion: 82 Resp: 1057029
Ion Ratio Lower Upper
82 100
95 7.1 6.6 10.0
138 15.6 13.8 20.6

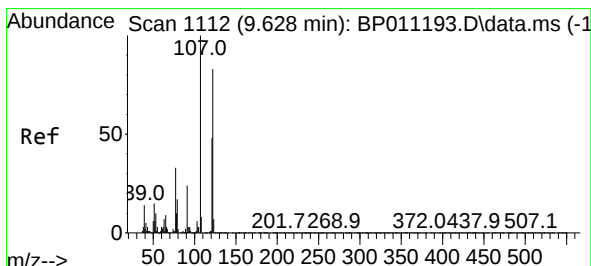
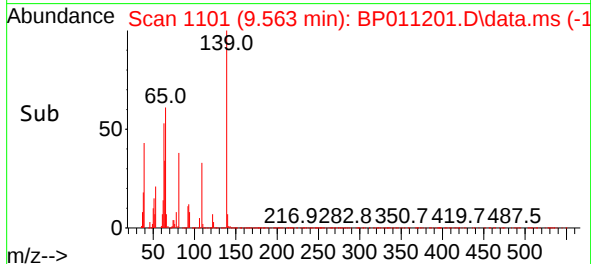
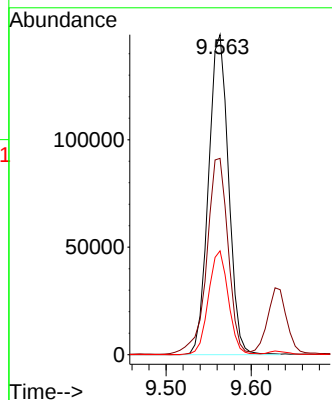
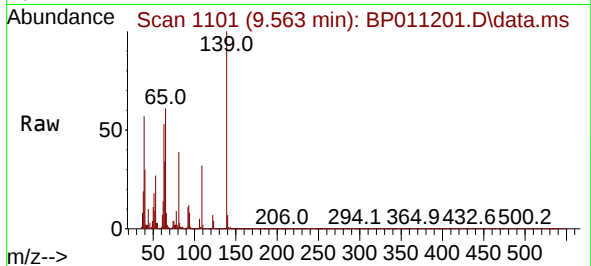




#25
2-Nitrophenol
Concen: 31.925 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

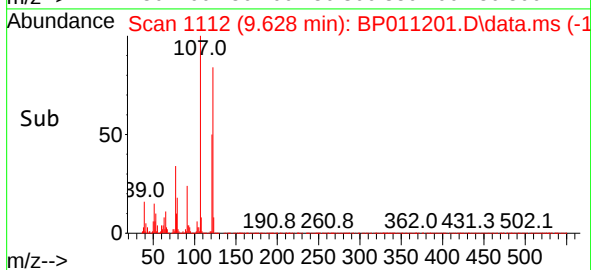
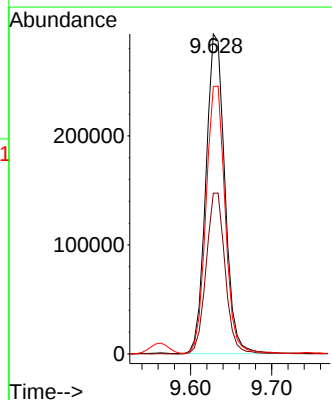
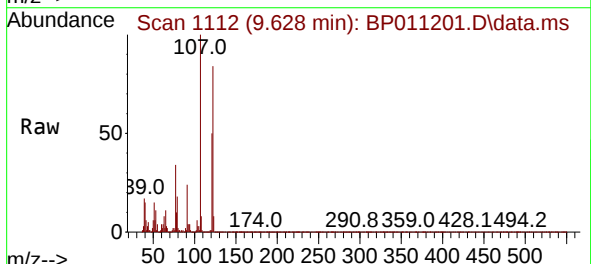
Instrument :
BNA_P
ClientSampleId :

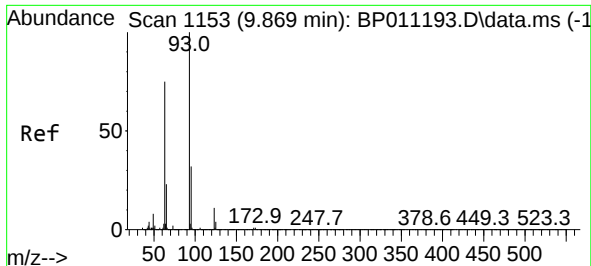
Tgt Ion:139 Resp: 242744
Ion Ratio Lower Upper
139 100
65 61.4 54.2 81.4
109 32.5 30.6 45.8



#26
2,4-Dimethylphenol
Concen: 29.112 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:107 Resp: 475529
Ion Ratio Lower Upper
107 100
121 50.3 39.1 58.7
122 83.6 66.1 99.1

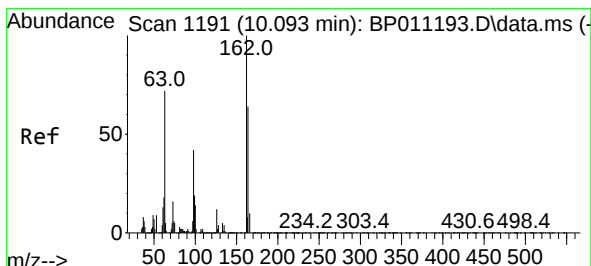
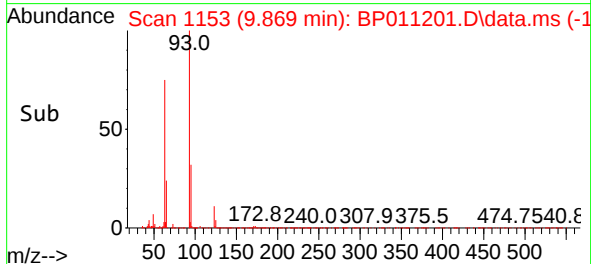
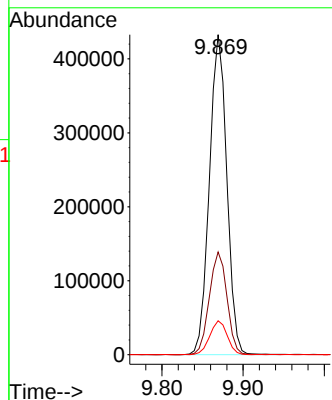
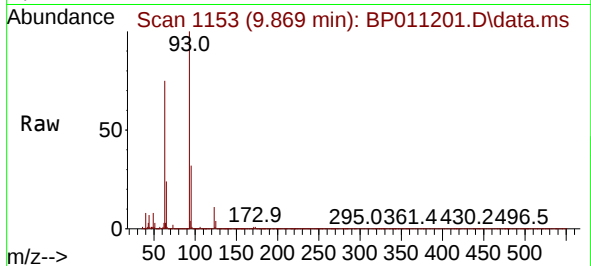




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.182 ng/ul
 RT: 9.869 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BP011201.D
 Acq: 01 Aug 2022 15:54

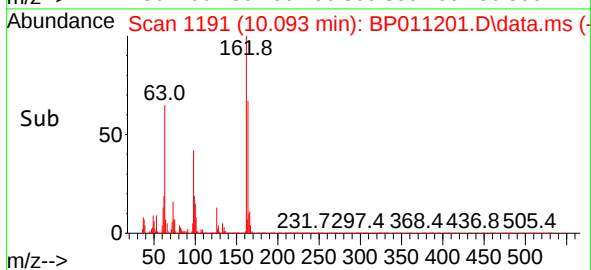
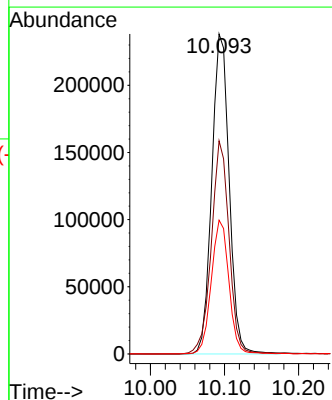
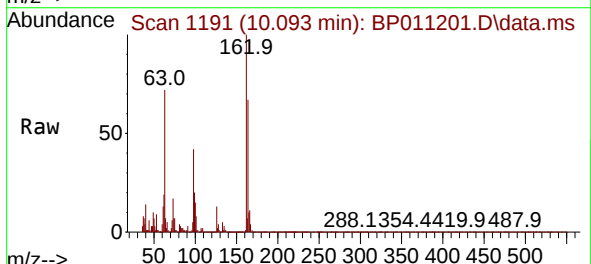
Instrument :
 BNA_P
 ClientSampleId :

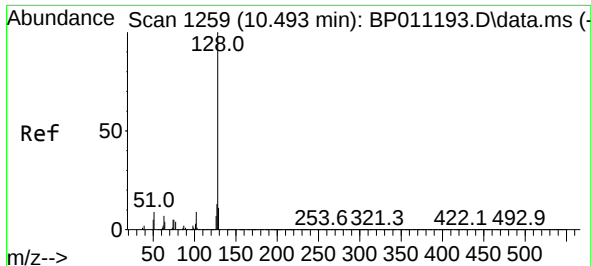
Tgt Ion: 93 Resp: 643831
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.6 39.8
 123 10.6 7.8 11.8



#29
 2,4-Dichlorophenol
 Concen: 31.490 ng/ul
 RT: 10.093 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BP011201.D
 Acq: 01 Aug 2022 15:54

Tgt Ion: 162 Resp: 388379
 Ion Ratio Lower Upper
 162 100
 164 66.6 52.5 78.7
 98 41.8 31.4 47.0

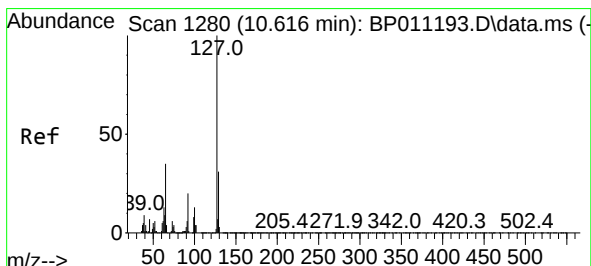
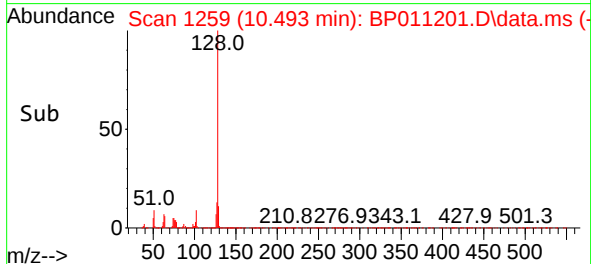
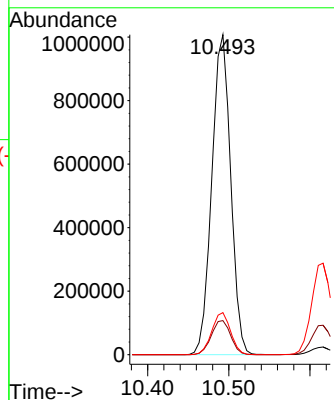
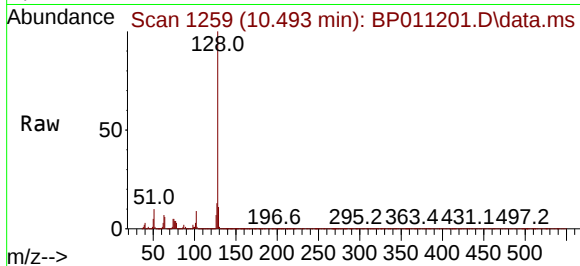




#30
Naphthalene
Concen: 33.964 ng/ul
RT: 10.493 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

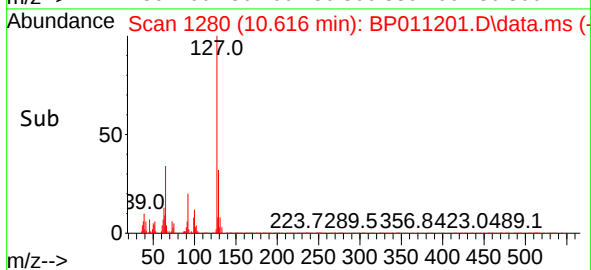
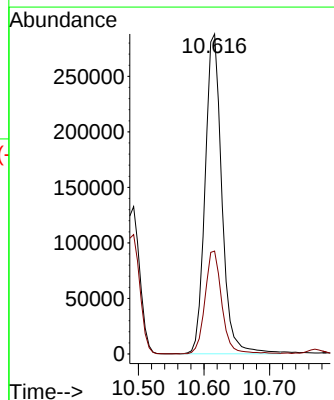
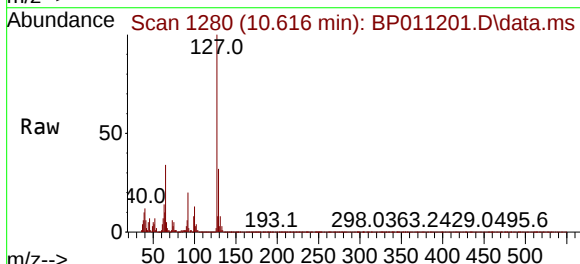
Instrument :
BNA_P
ClientSampleId :

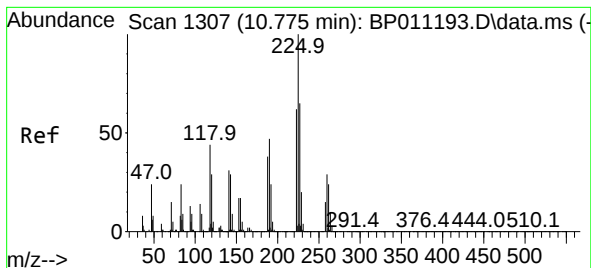
Tgt Ion:128 Resp: 1624236
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.2 15.4



#32
4-Chloroaniline
Concen: 26.640 ng/ul
RT: 10.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:127 Resp: 511743
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.2





#33

Hexachlorobutadiene

Concen: 32.926 ng/ul

RT: 10.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

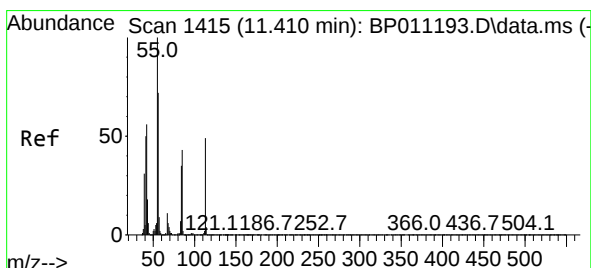
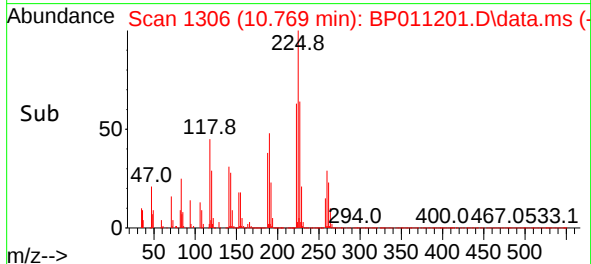
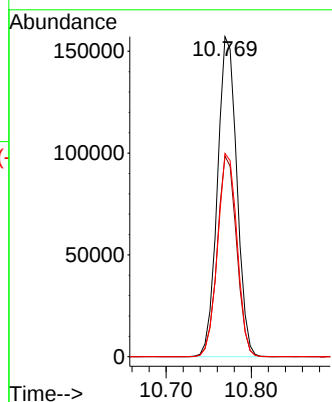
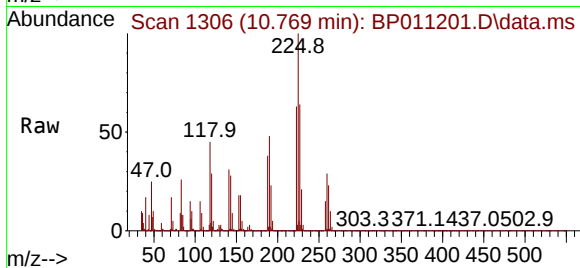
Tgt Ion:225 Resp: 248017

Ion Ratio Lower Upper

225 100

223 62.7 53.7 80.5

227 63.5 49.4 74.2



#34

Caprolactam

Concen: 32.989 ng/ul

RT: 11.410 min Scan# 1415

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

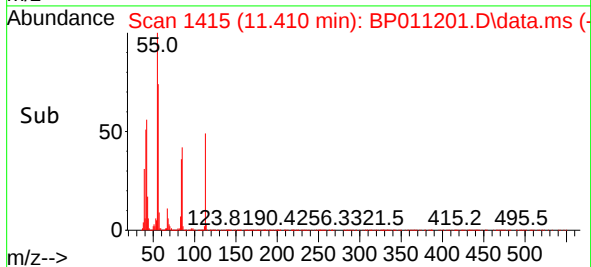
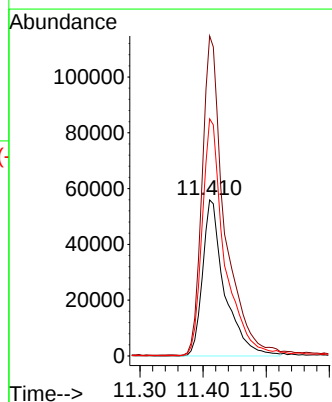
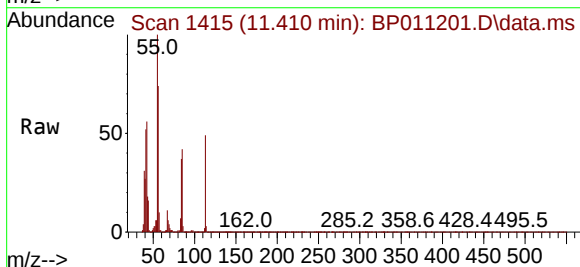
Tgt Ion:113 Resp: 135311

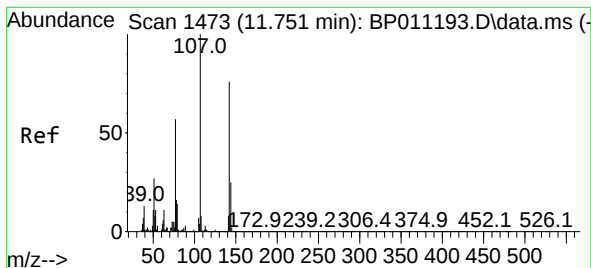
Ion Ratio Lower Upper

113 100

55 205.1 153.8 230.8

56 151.9 110.2 165.4

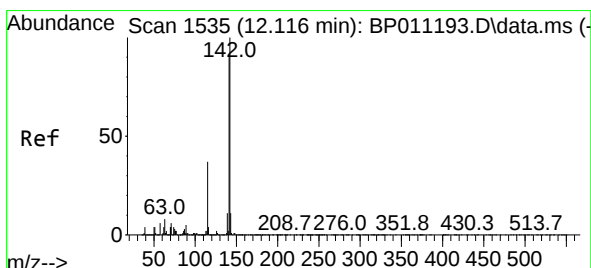
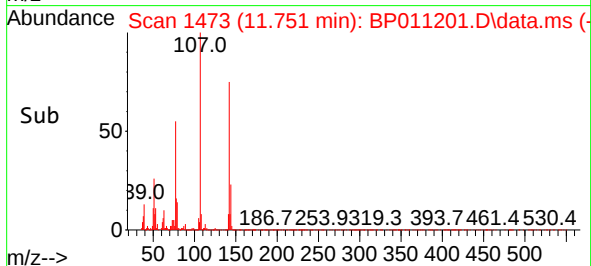
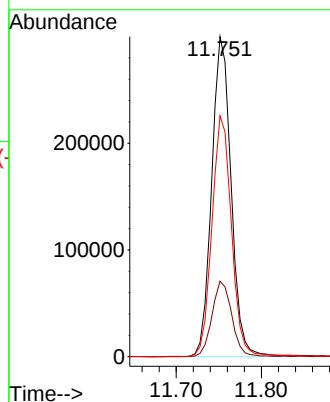
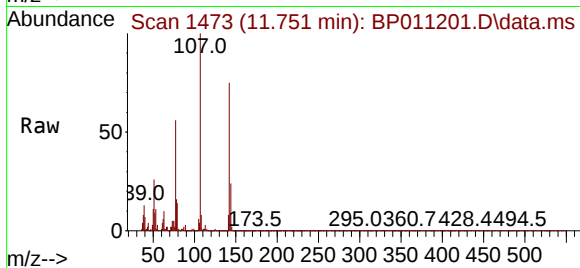




#35
4-Chloro-3-methylphenol
Concen: 34.262 ng/ul
RT: 11.751 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

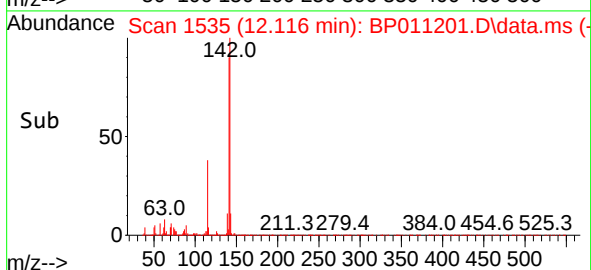
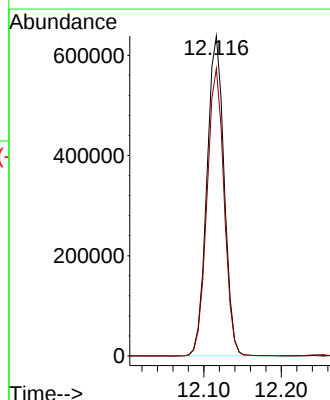
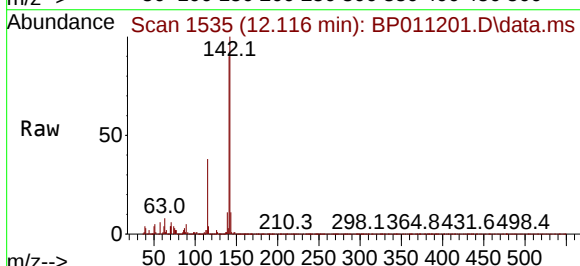
Instrument :
BNA_P
ClientSampleId :

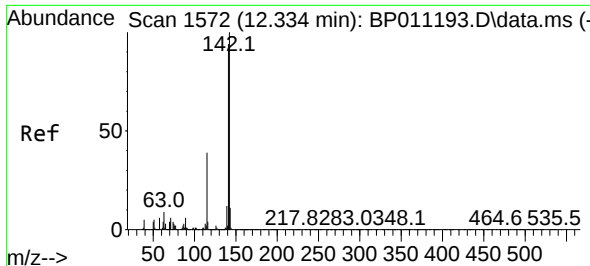
Tgt Ion:107 Resp: 473800
Ion Ratio Lower Upper
107 100
144 23.6 18.6 27.8
142 75.2 59.6 89.4



#36
2-Methylnaphthalene
Concen: 32.512 ng/ul
RT: 12.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:142 Resp: 983911
Ion Ratio Lower Upper
142 100
141 89.8 70.1 105.1

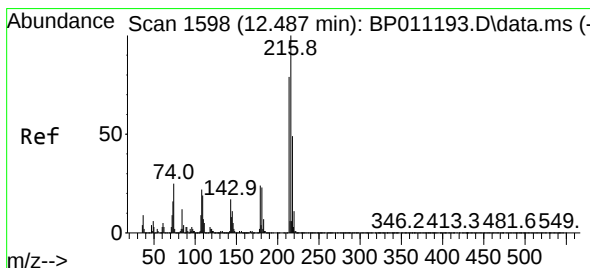
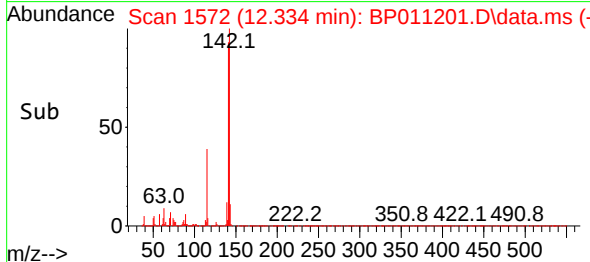
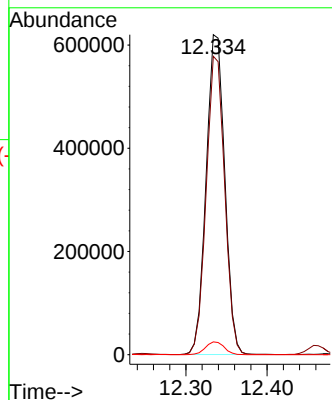
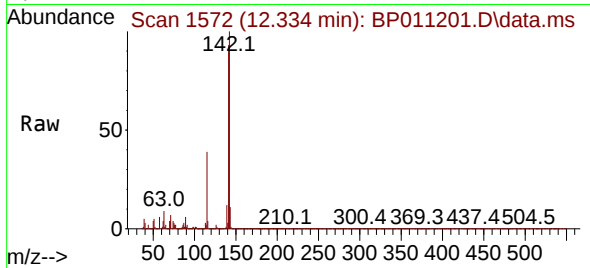




#37
1-Methylnaphthalene
Concen: 32.558 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

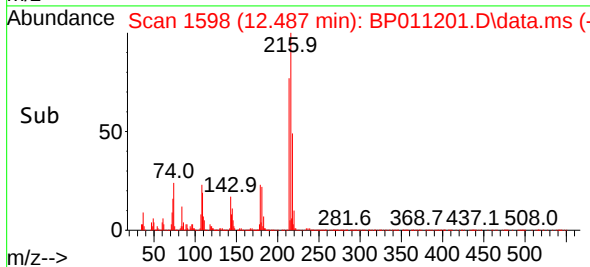
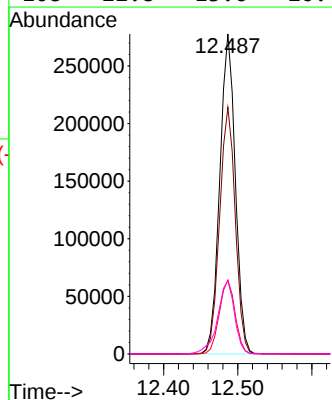
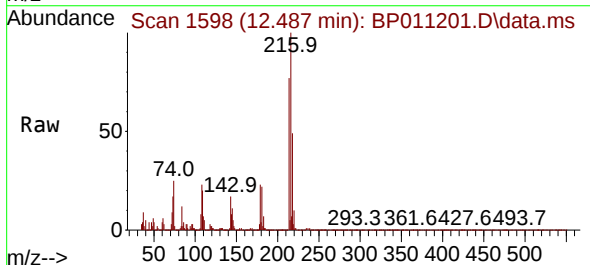
Instrument :
BNA_P
ClientSampleId :

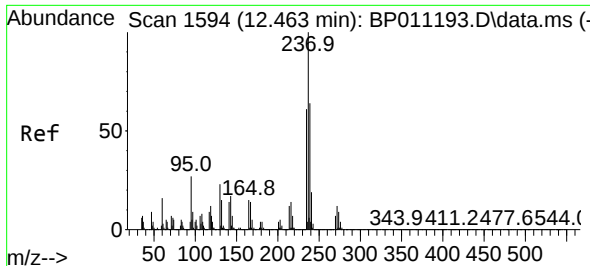
Tgt Ion:142 Resp: 987081
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9
116 4.0 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.523 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:216 Resp: 404264
Ion Ratio Lower Upper
216 100
214 77.0 63.0 94.6
179 23.1 18.1 27.1
108 22.8 13.6 20.4#

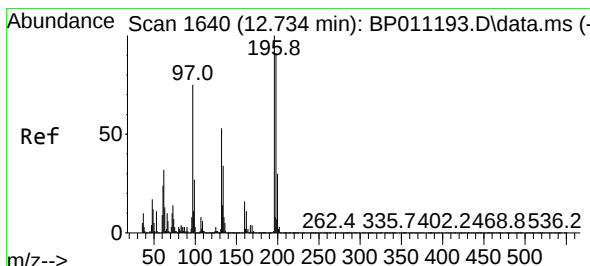
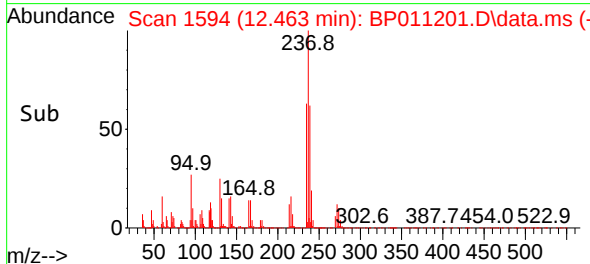
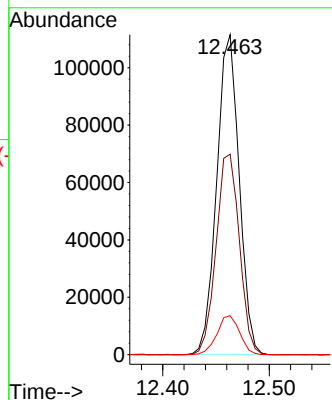
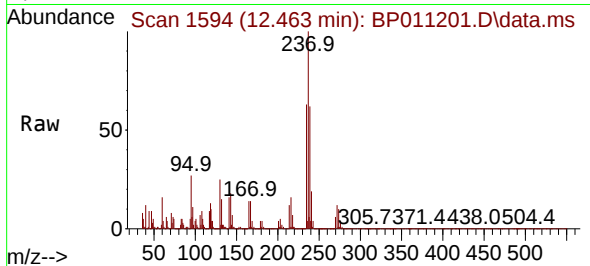




#40
Hexachlorocyclopentadiene
Concen: 19.895 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

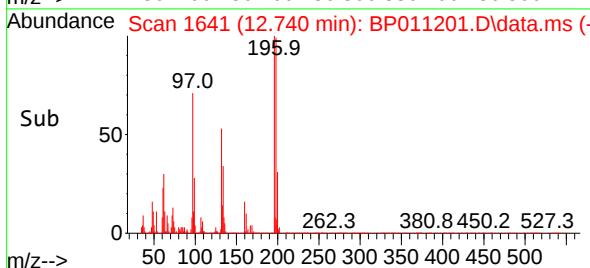
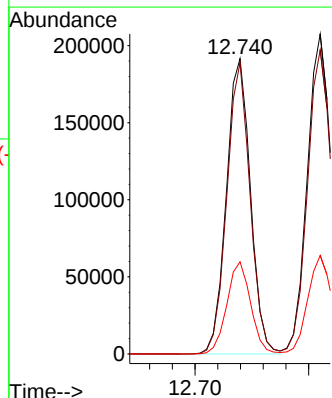
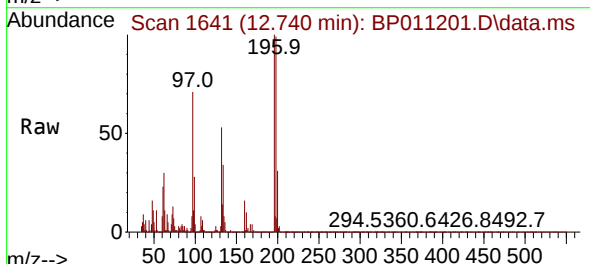
Instrument :
BNA_P
ClientSampleId :

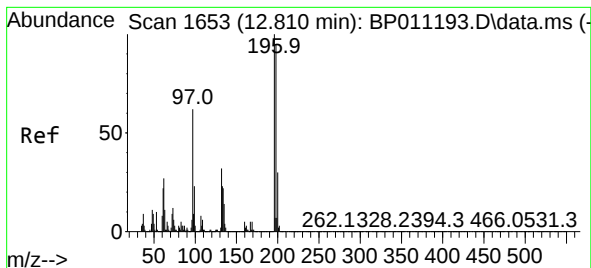
Tgt Ion:237 Resp: 163042
Ion Ratio Lower Upper
237 100
235 62.7 52.8 79.2
272 12.2 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 36.101 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:196 Resp: 281783
Ion Ratio Lower Upper
196 100
198 98.6 78.2 117.4
200 31.2 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 37.974 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

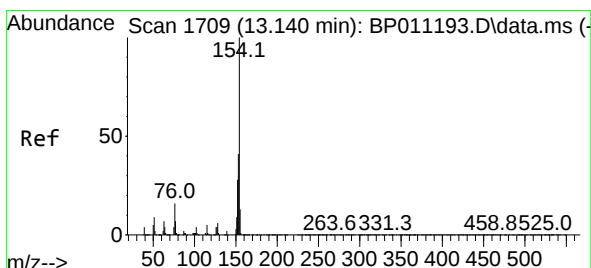
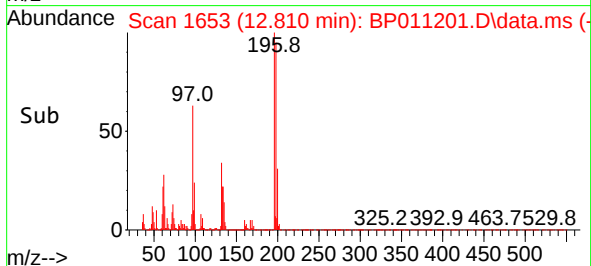
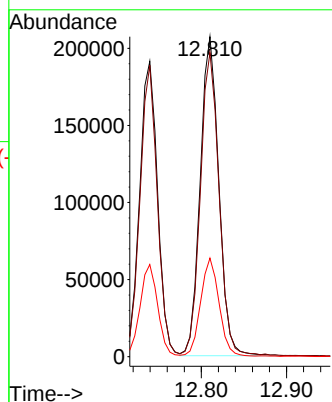
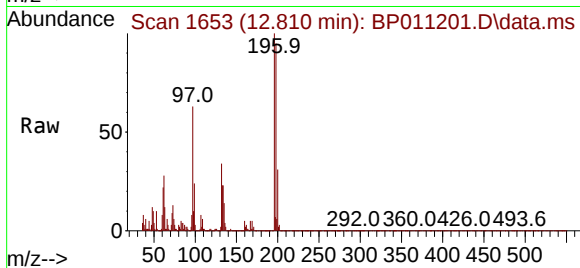
Tgt Ion:196 Resp: 313772

Ion Ratio Lower Upper

196 100

198 95.1 77.0 115.4

200 30.8 24.8 37.2



#43

1,1'-Biphenyl

Concen: 33.083 ng/ul

RT: 13.145 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

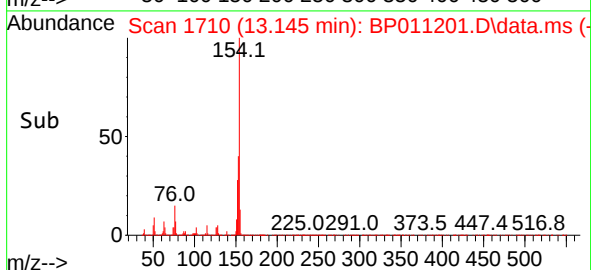
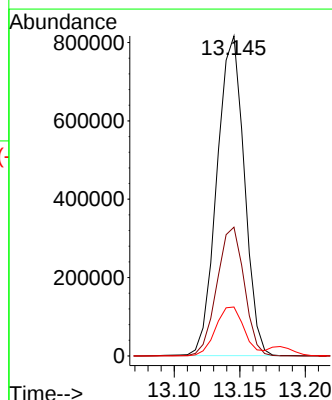
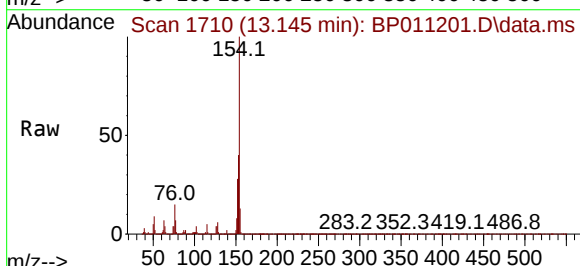
Tgt Ion:154 Resp: 1180967

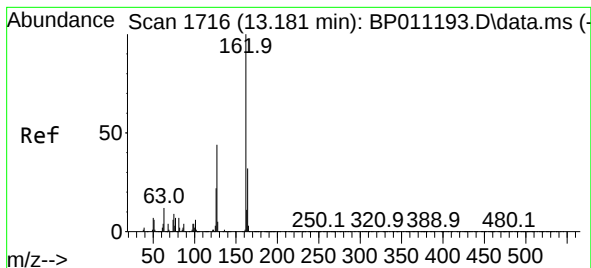
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 15.3 9.2 13.8#

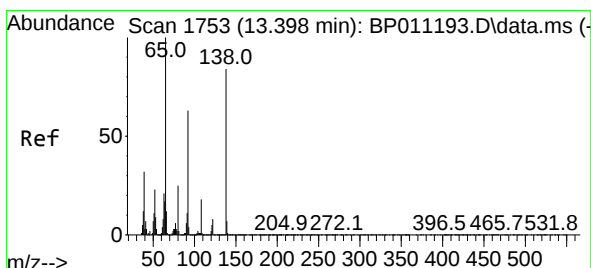
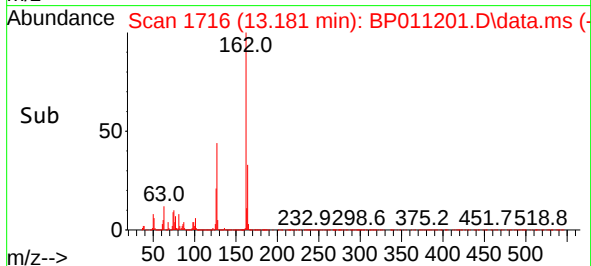
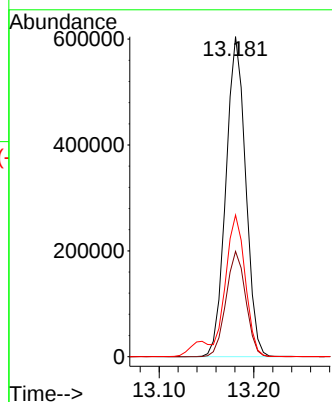
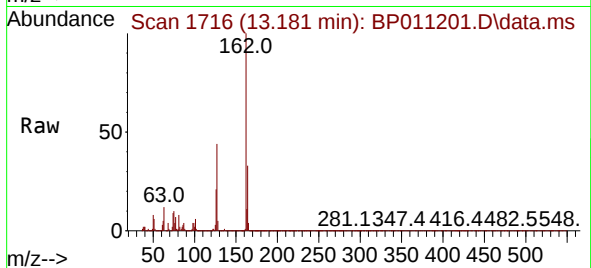




#44
2-Chloronaphthalene
Concen: 32.847 ng/ul
RT: 13.181 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

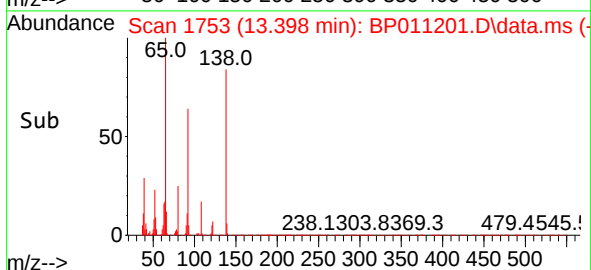
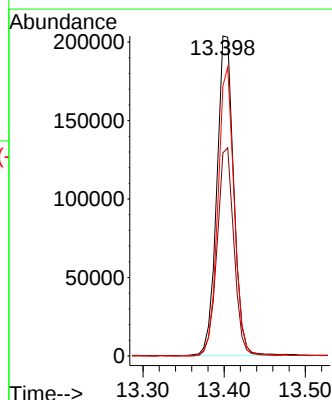
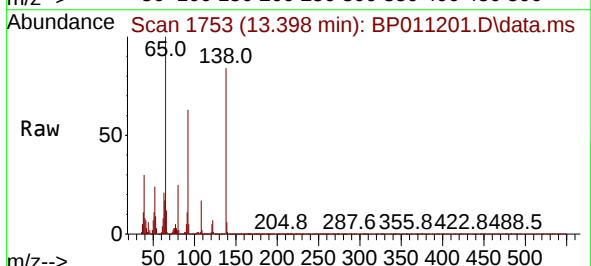
Instrument :
BNA_P
ClientSampleId :

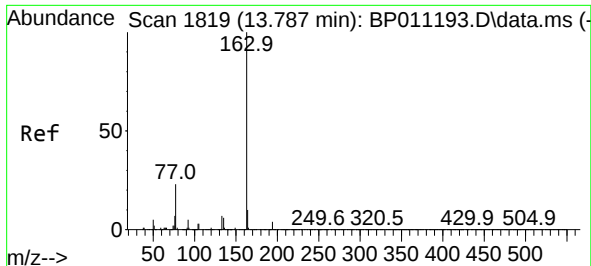
Tgt Ion:162 Resp: 876602
Ion Ratio Lower Upper
162 100
164 32.9 25.5 38.3
127 44.2 31.9 47.9



#45
2-Nitroaniline
Concen: 38.106 ng/ul
RT: 13.398 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion: 65 Resp: 295561
Ion Ratio Lower Upper
65 100
92 63.5 49.0 73.6
138 84.3 66.4 99.6

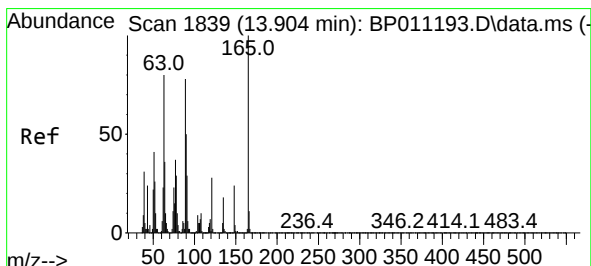
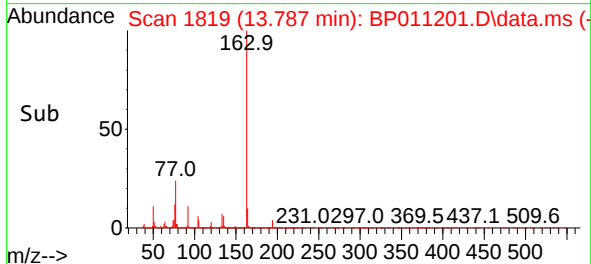
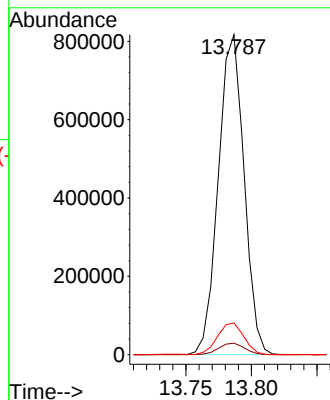
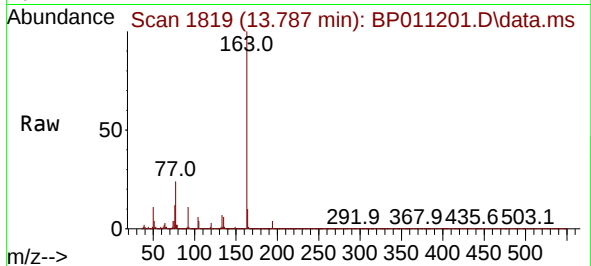




#47
Dimethylphthalate
Concen: 36.309 ng/ul
RT: 13.787 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

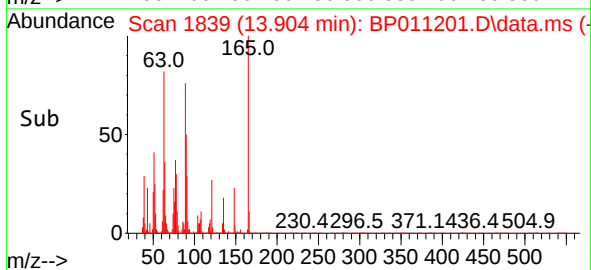
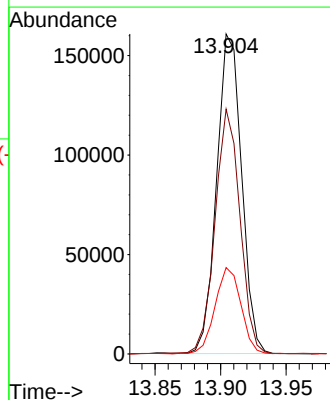
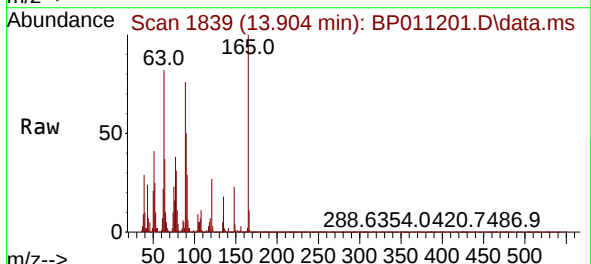
Instrument :
BNA_P
ClientSampleId :

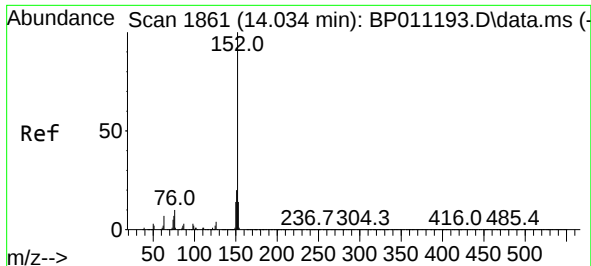
Tgt Ion:163 Resp: 1113091
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 9.9 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 39.673 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:165 Resp: 212510
Ion Ratio Lower Upper
165 100
89 76.5 52.9 79.3
121 27.0 19.4 29.2

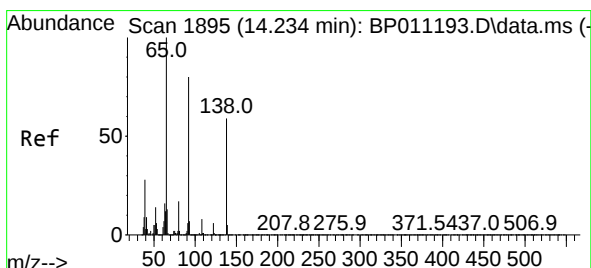
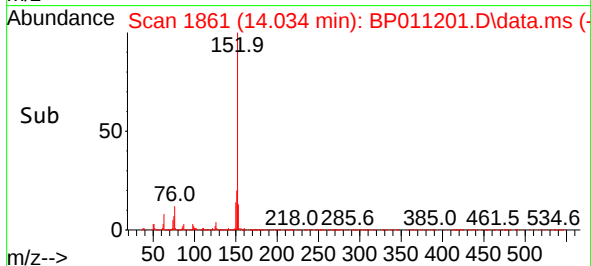
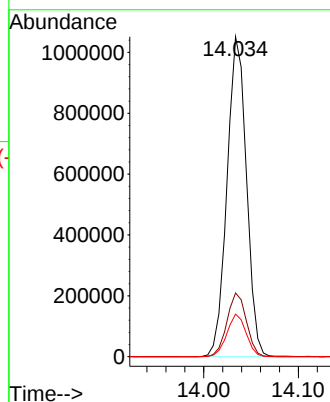
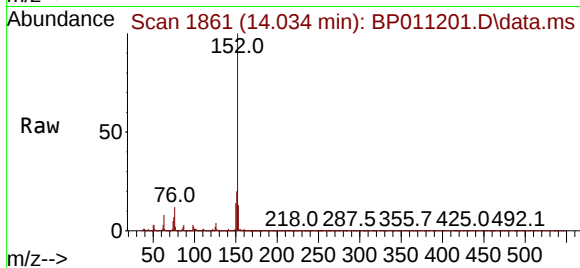




#50
Acenaphthylene
Concen: 35.047 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

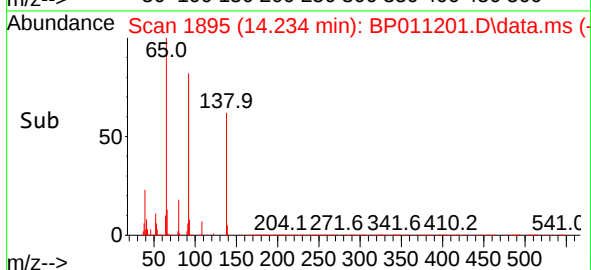
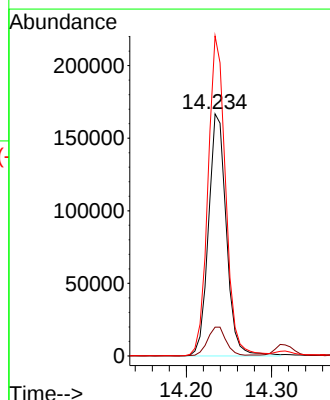
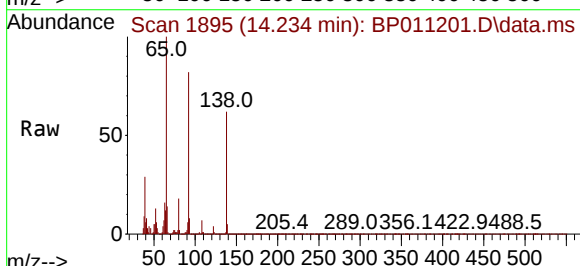
Instrument :
BNA_P
ClientSampleId :

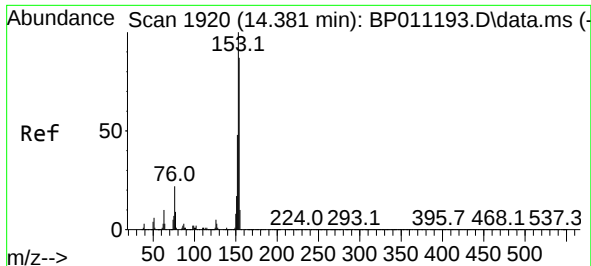
Tgt Ion:152 Resp: 1497636
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7
153 13.3 10.1 15.1



#51
3-Nitroaniline
Concen: 41.964 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:138 Resp: 242765
Ion Ratio Lower Upper
138 100
108 11.9 11.0 16.4
92 132.2 104.6 156.8

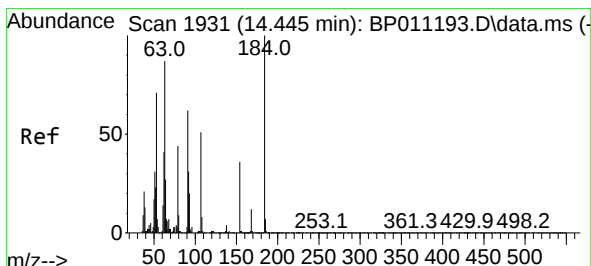
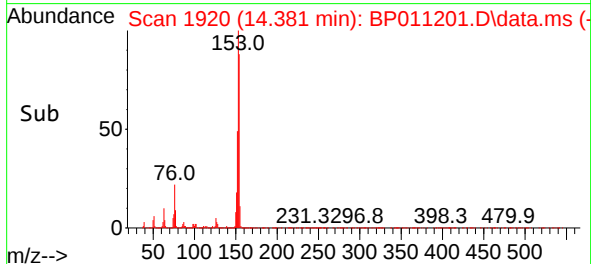
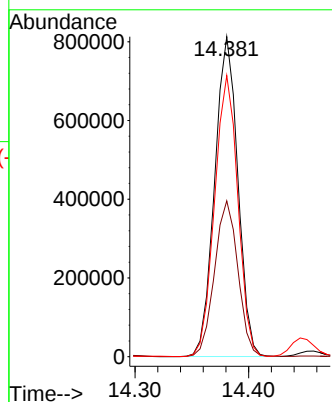
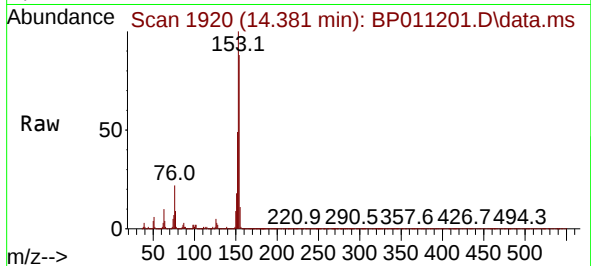




#52
Acenaphthene
Concen: 41.288 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

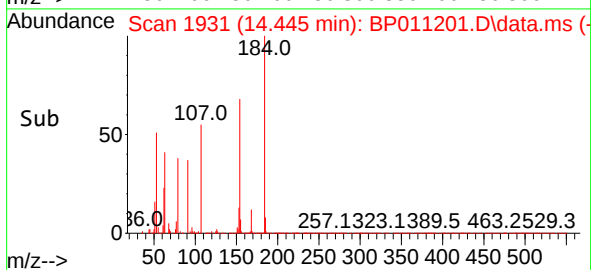
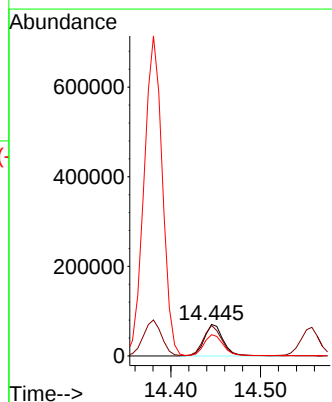
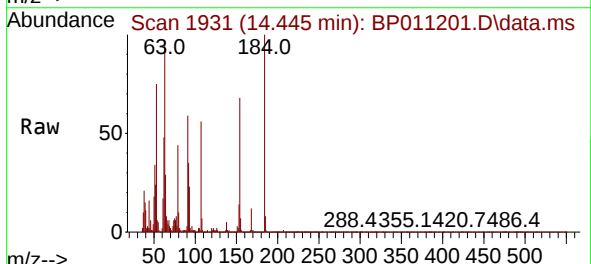
Instrument :
BNA_P
ClientSampleId :

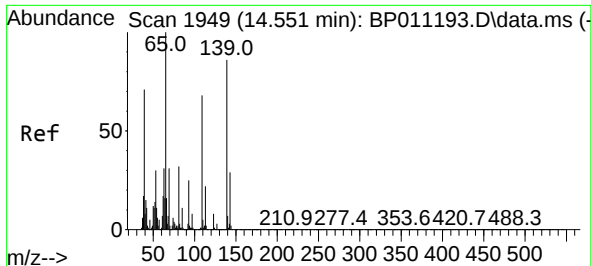
Tgt Ion:153 Resp: 1152454
Ion Ratio Lower Upper
153 100
152 48.7 36.2 54.2
154 87.9 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 34.029 ng/ul
RT: 14.445 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:184 Resp: 102800
Ion Ratio Lower Upper
184 100
63 97.0 73.8 110.6
154 67.7 57.2 85.8

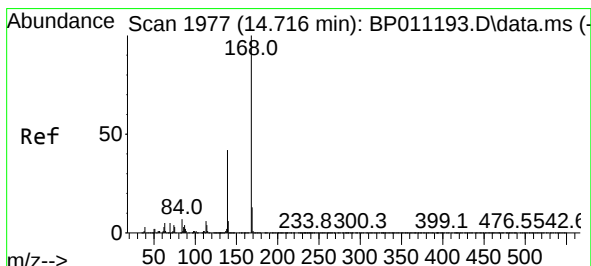
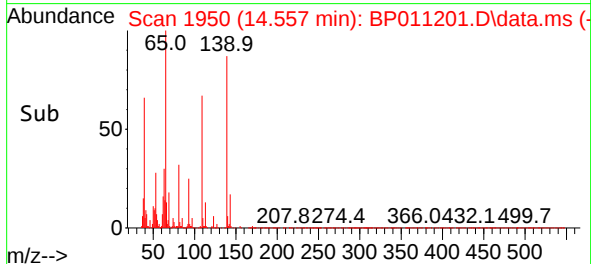
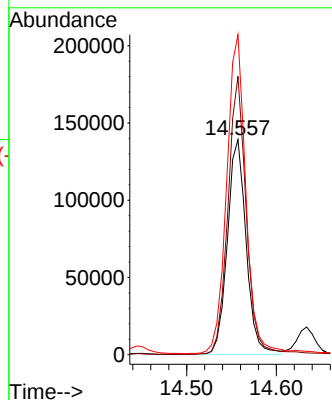
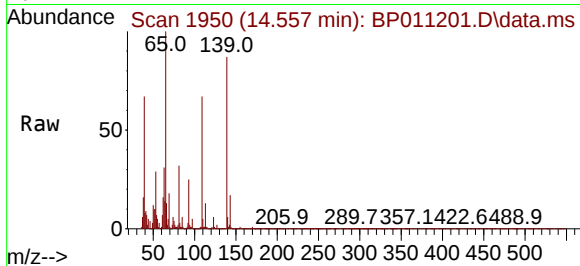




#55
4-Nitrophenol
Concen: 43.011 ng/ul
RT: 14.557 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

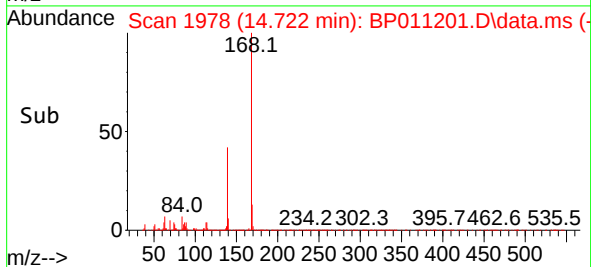
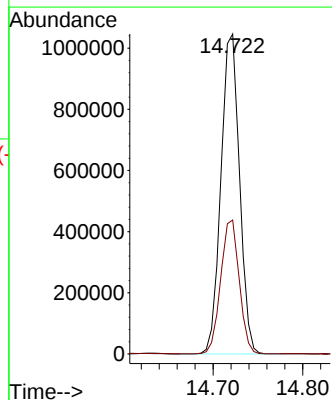
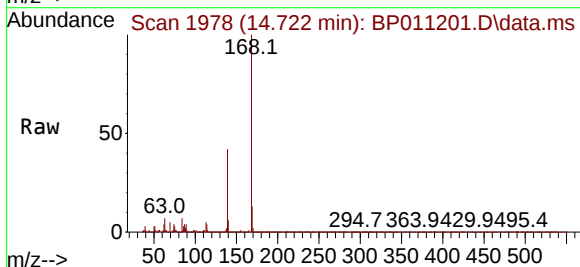
Instrument :
BNA_P
ClientSampleId :

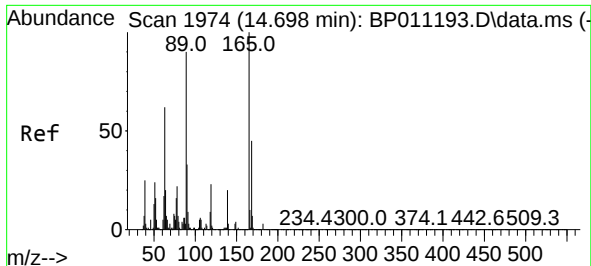
Tgt Ion:109 Resp: 202354
Ion Ratio Lower Upper
109 100
139 129.5 75.6 113.4#
65 148.8 107.6 161.4



#56
Dibenzofuran
Concen: 39.651 ng/ul
RT: 14.722 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:168 Resp: 1504373
Ion Ratio Lower Upper
168 100
139 41.9 32.8 49.2

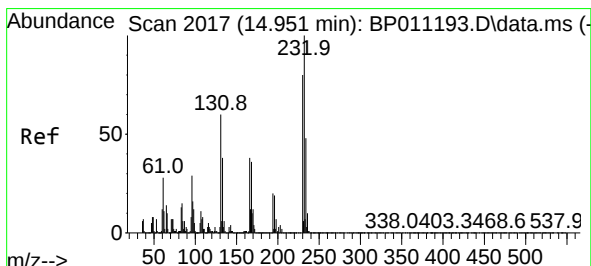
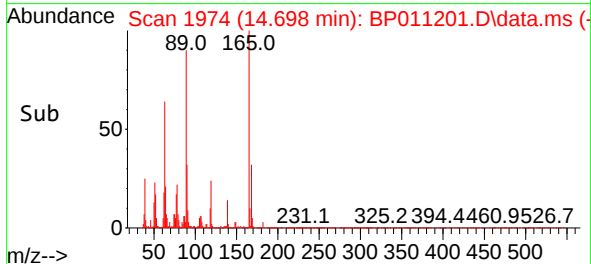
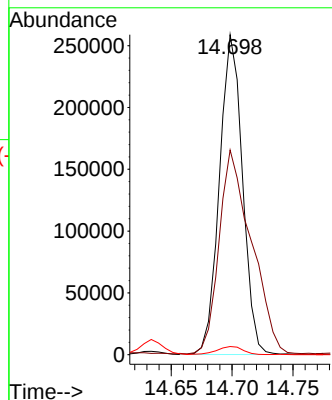
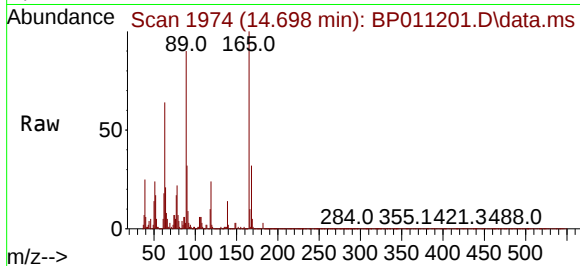




#57
2,4-Dinitrotoluene
Concen: 45.632 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

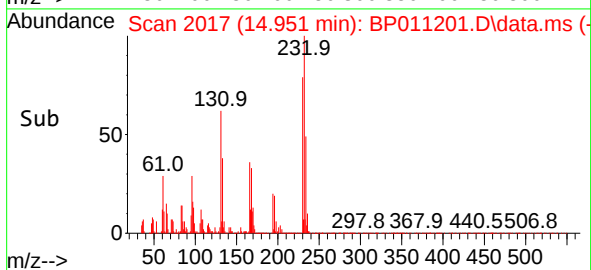
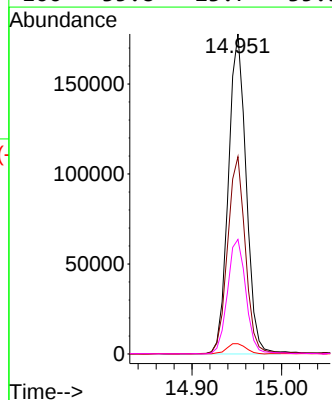
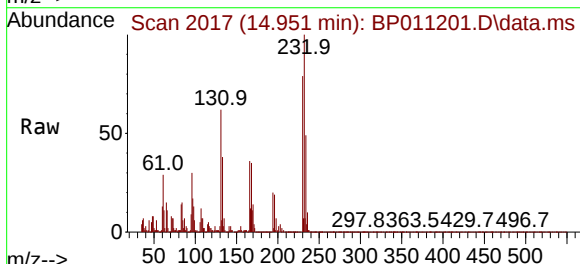
Instrument :
BNA_P
ClientSampleId :

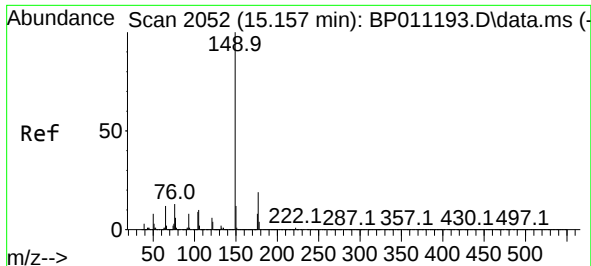
Tgt Ion:165 Resp: 341043
Ion Ratio Lower Upper
165 100
63 64.0 47.0 70.6
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.740 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:232 Resp: 244776
Ion Ratio Lower Upper
232 100
131 61.6 35.8 53.8#
130 3.2 1.8 2.8#
166 35.8 23.7 35.5#

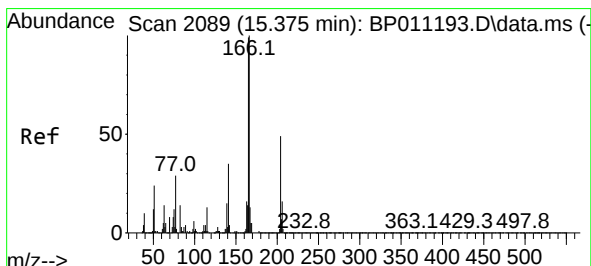
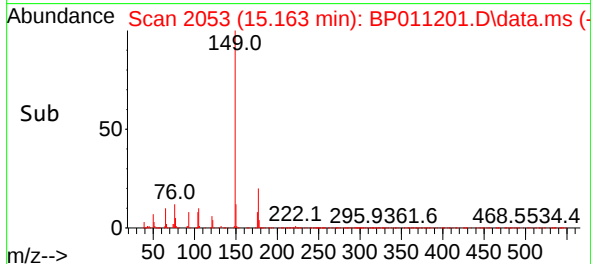
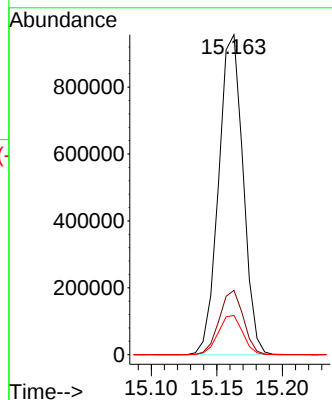
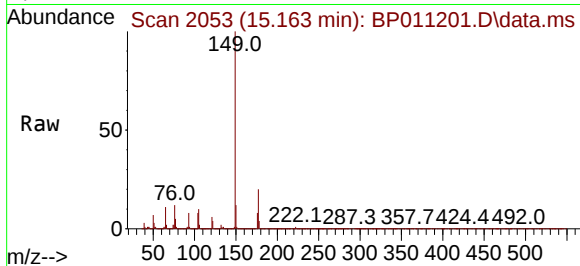




#59
Diethylphthalate
Concen: 40.429 ng/ul
RT: 15.163 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

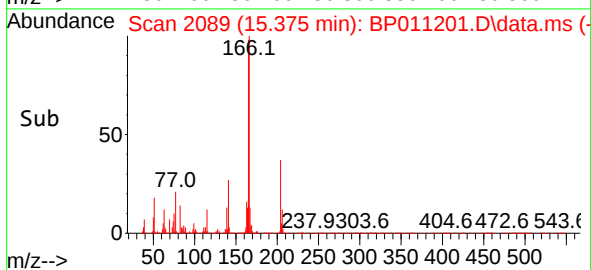
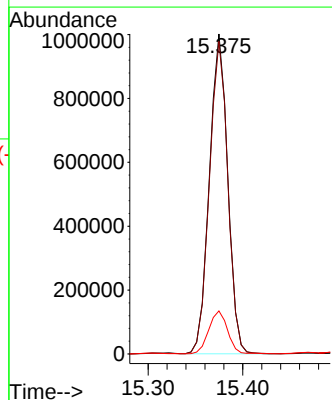
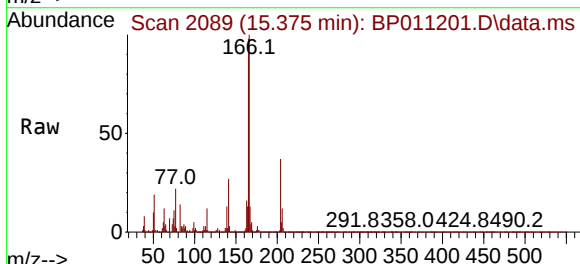
Instrument :
BNA_P
ClientSampleId :

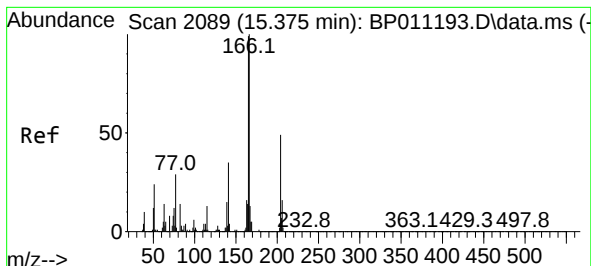
Tgt Ion:149 Resp: 1238715
Ion Ratio Lower Upper
149 100
177 20.1 17.6 26.4
150 12.3 10.3 15.5



#61
Fluorene
Concen: 45.686 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:166 Resp: 1347842
Ion Ratio Lower Upper
166 100
165 97.7 77.4 116.2
167 13.4 10.8 16.2

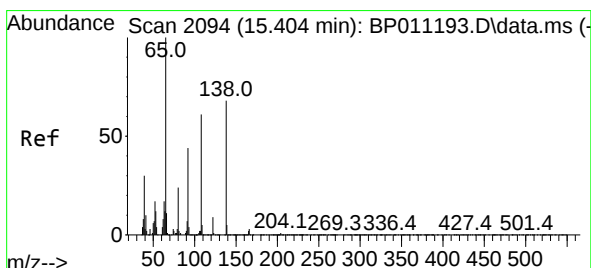
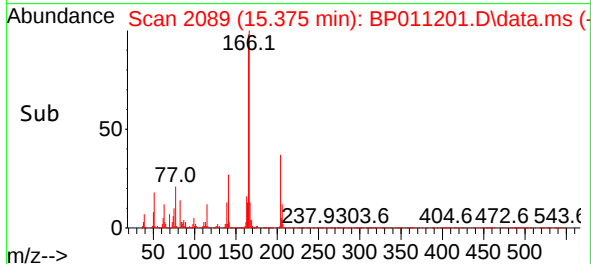
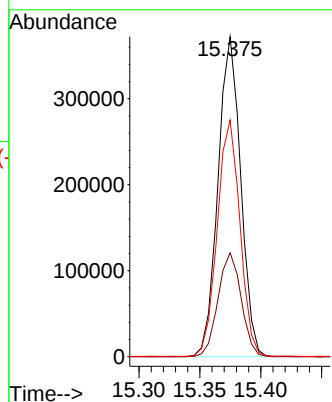
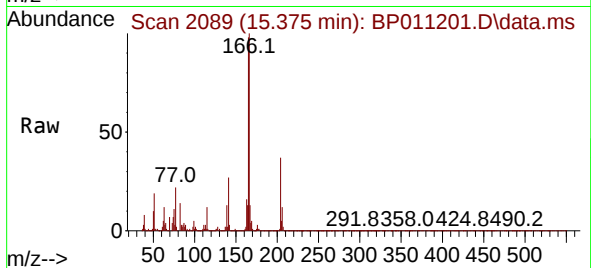




#62
4-Chlorophenyl-phenylether
Concen: 35.962 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

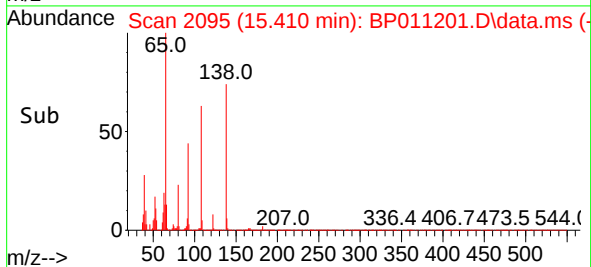
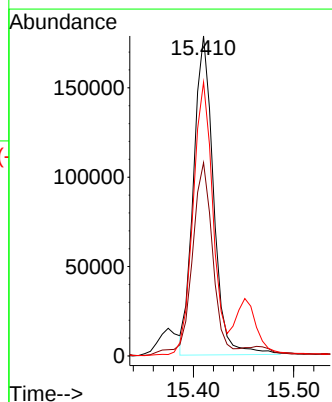
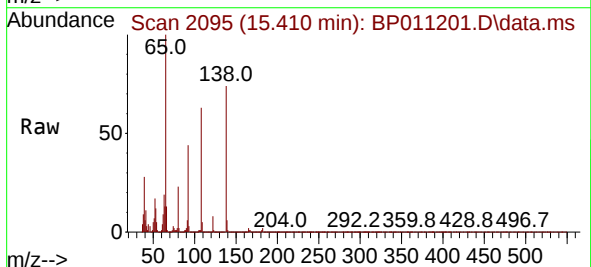
Instrument :
BNA_P
ClientSampleId :

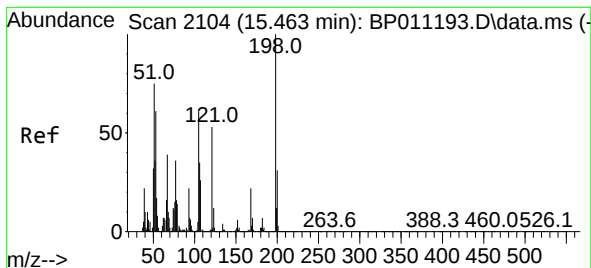
Tgt Ion:204 Resp: 482862
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 73.9 49.3 73.9



#63
4-Nitroaniline
Concen: 50.339 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:138 Resp: 247585
Ion Ratio Lower Upper
138 100
92 60.4 46.2 69.2
108 85.6 85.8 128.8#

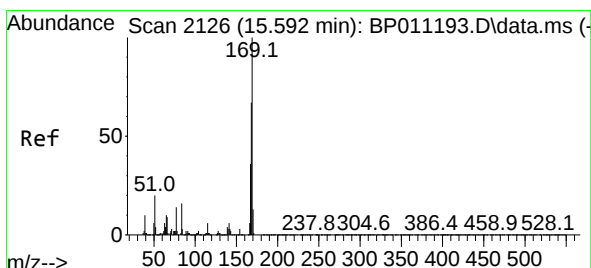
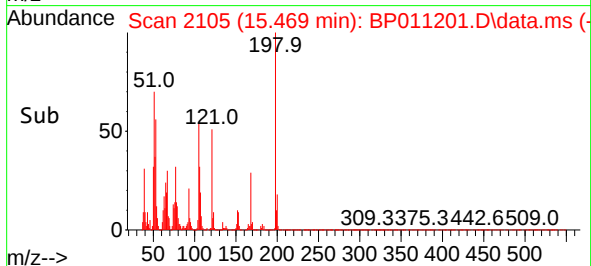
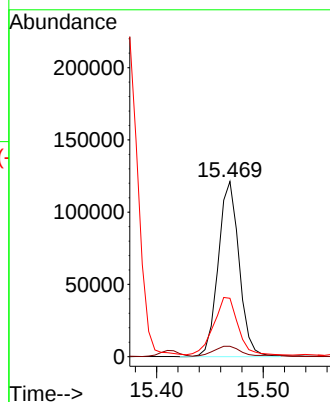
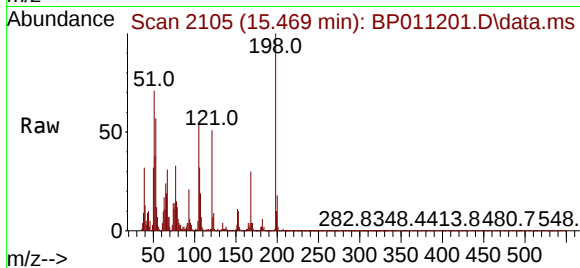




#66
4,6-Dinitro-2-methylphenol
Concen: 36.035 ng/ul
RT: 15.469 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

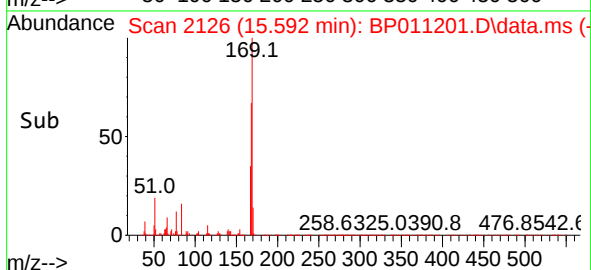
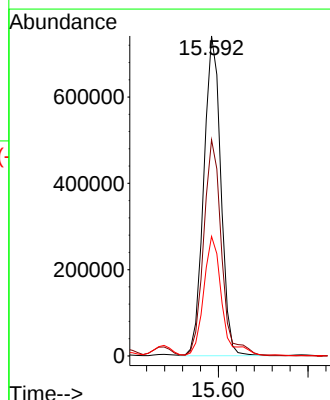
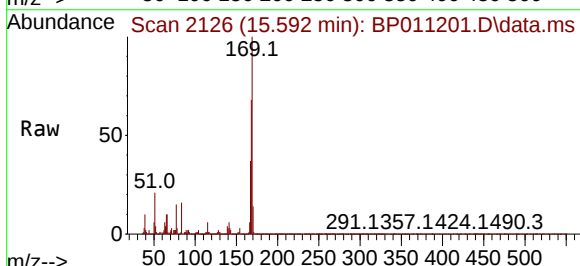
Instrument :
BNA_P
ClientSampleId :

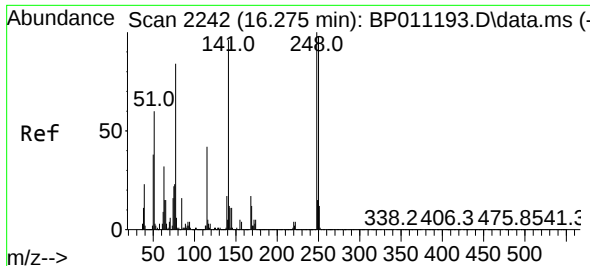
Tgt Ion:198 Resp: 164758
Ion Ratio Lower Upper
198 100
182 6.0 4.3 6.5
77 33.3 23.7 35.5



#67
N-Nitrosodiphenylamine
Concen: 35.733 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:169 Resp: 980706
Ion Ratio Lower Upper
169 100
168 67.6 52.6 78.8
167 37.4 27.8 41.6

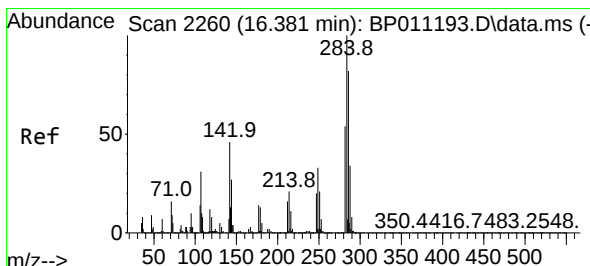
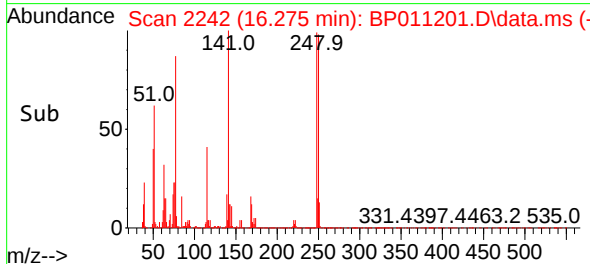
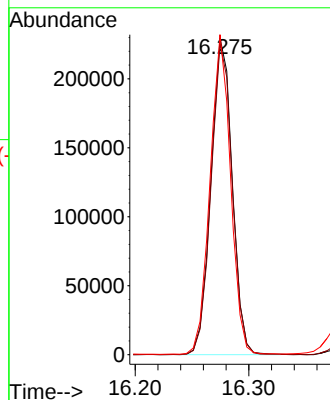
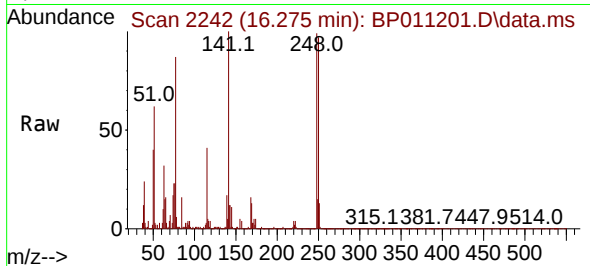




#68
4-Bromophenyl-phenylether
Concen: 34.879 ng/ul
RT: 16.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

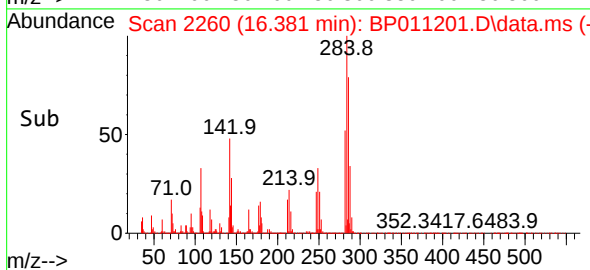
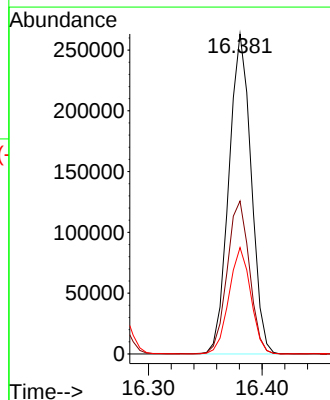
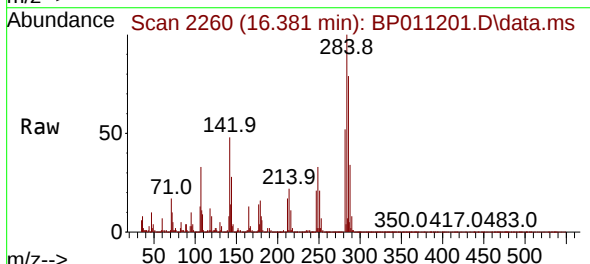
Instrument :
BNA_P
ClientSampleId :

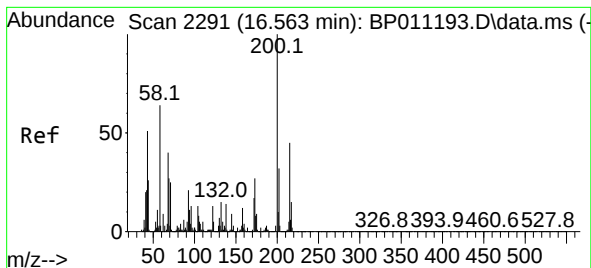
Tgt Ion:248 Resp: 298909
Ion Ratio Lower Upper
248 100
250 98.3 80.8 121.2
141 101.0 63.9 95.9#



#69
Hexachlorobenzene
Concen: 36.599 ng/ul
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:284 Resp: 358800
Ion Ratio Lower Upper
284 100
142 47.8 27.8 41.6#
249 33.3 25.4 38.2





#70

Atrazine

Concen: 39.155 ng/ul

RT: 16.563 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

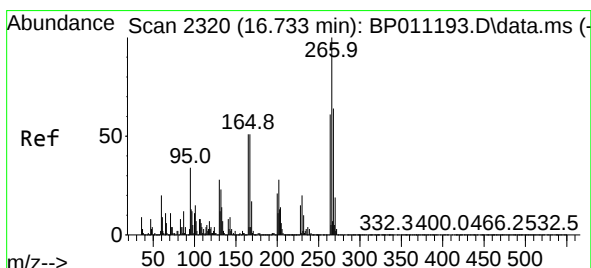
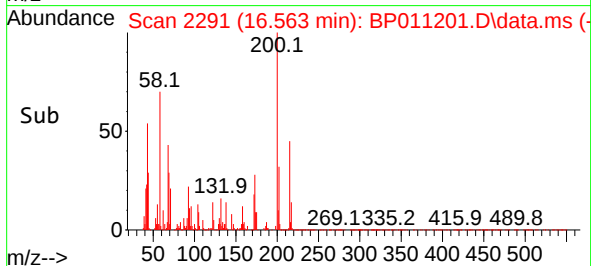
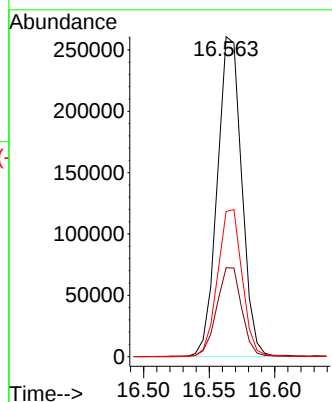
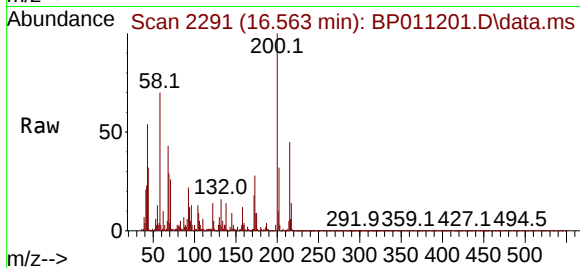
Tgt Ion:200 Resp: 337936

Ion Ratio Lower Upper

200 100

173 27.8 20.7 31.1

215 45.4 38.6 57.8



#71

Pentachlorophenol

Concen: 36.149 ng/ul

RT: 16.733 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

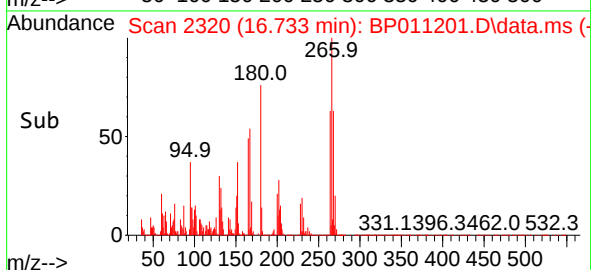
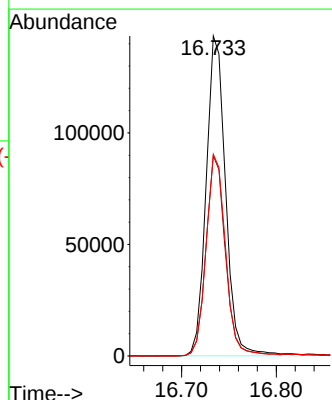
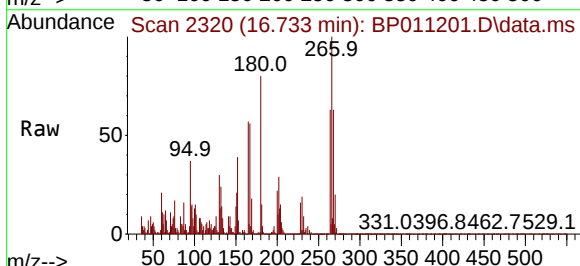
Tgt Ion:266 Resp: 203465

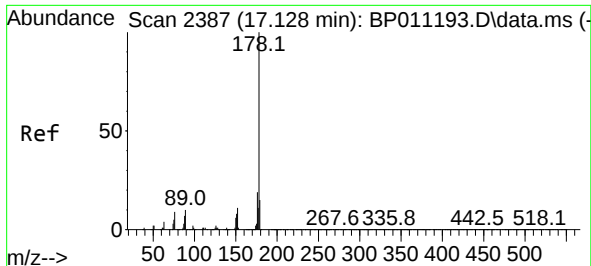
Ion Ratio Lower Upper

266 100

264 62.6 51.4 77.2

268 63.0 53.5 80.3

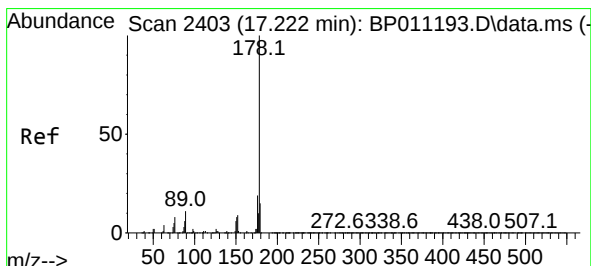
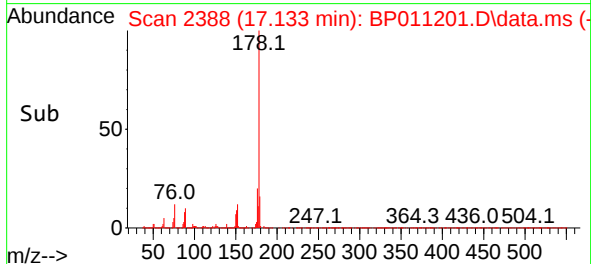
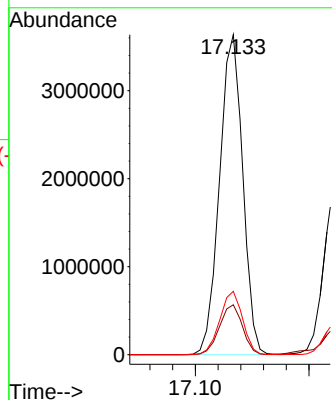
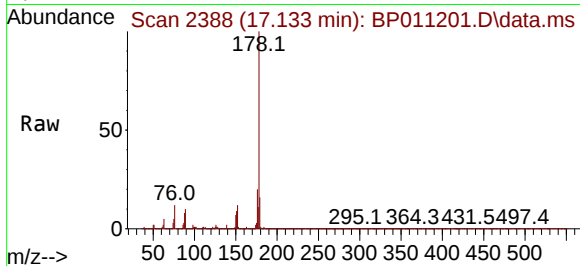




#72
Phenanthrene
Concen: 105.471 ng/ul
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

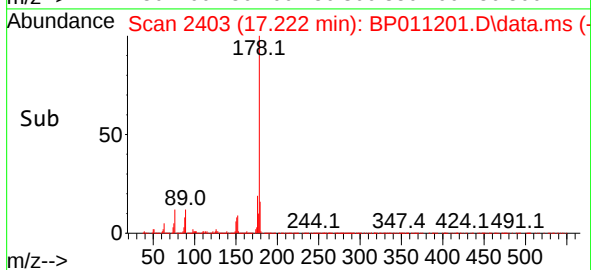
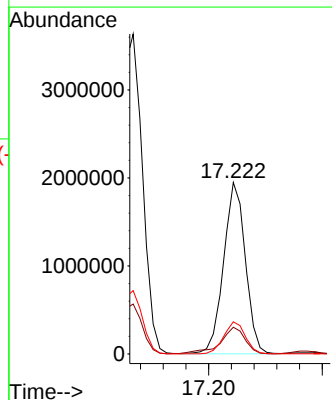
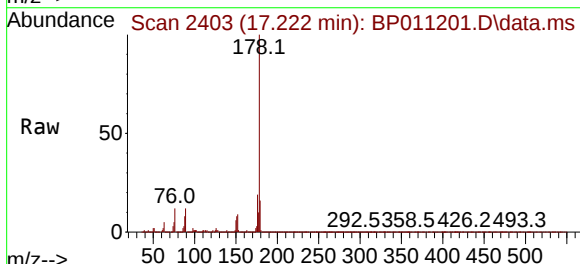
Instrument :
BNA_P
ClientSampleId :

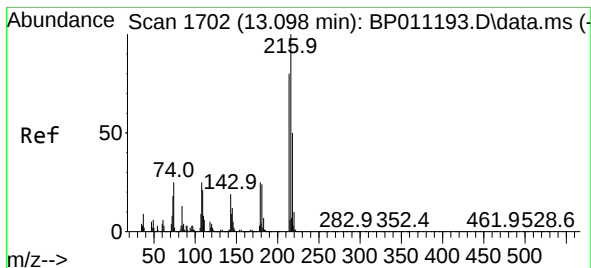
Tgt Ion:178 Resp: 5154968
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.8 14.6 22.0



#74
Anthracene
Concen: 53.751 ng/ul
RT: 17.222 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:178 Resp: 2599050
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.7 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.305 ng/uL

RT: 13.104 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

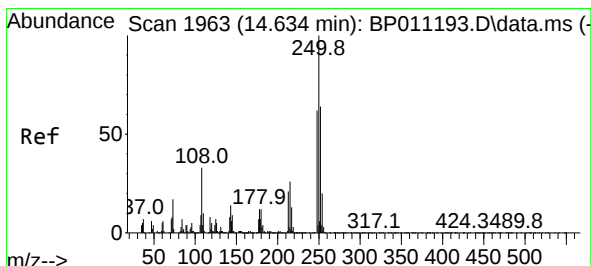
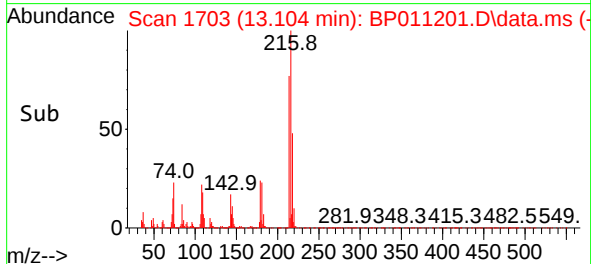
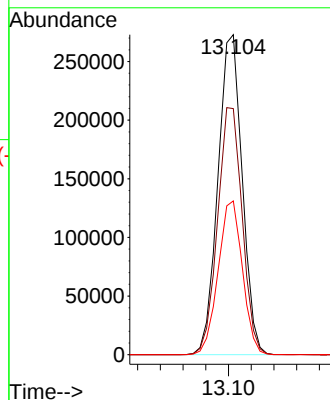
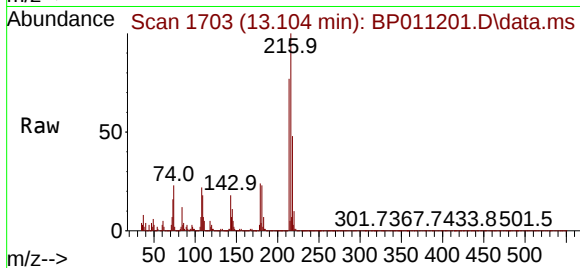
Tgt Ion:216 Resp: 404998

Ion Ratio Lower Upper

216 100

214 76.9 65.0 97.4

218 48.1 39.1 58.7



#76

Pentachlorobenzene

Concen: 31.646 ng/uL

RT: 14.634 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

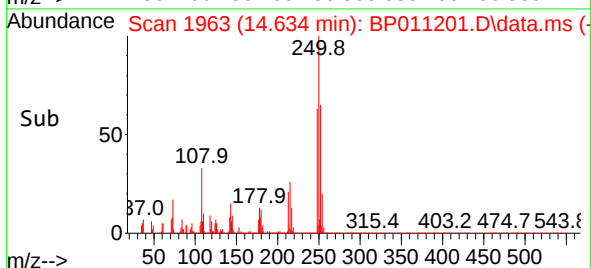
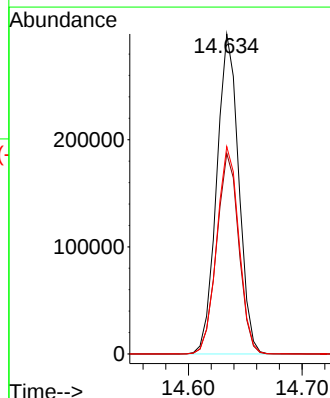
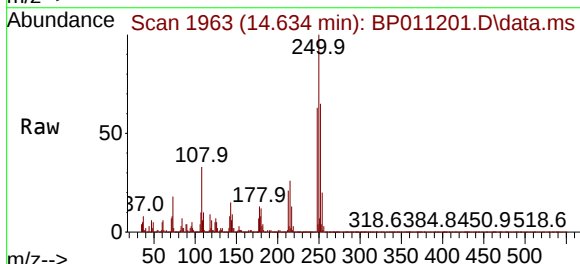
Tgt Ion:250 Resp: 401559

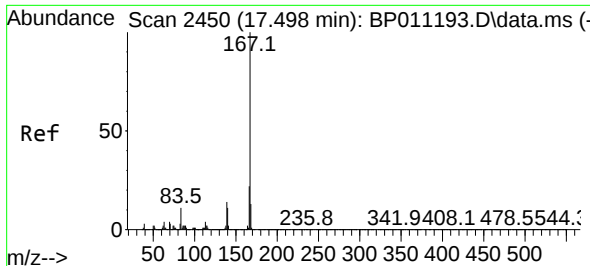
Ion Ratio Lower Upper

250 100

248 62.6 49.8 74.6

252 64.8 51.2 76.8

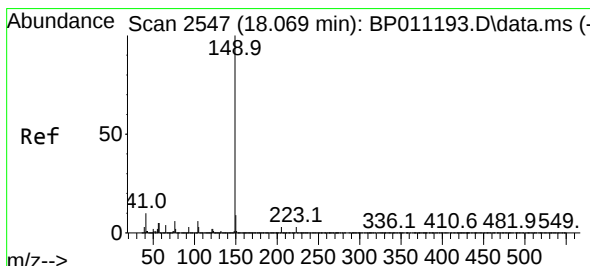
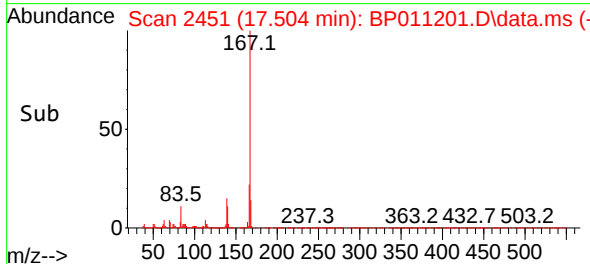
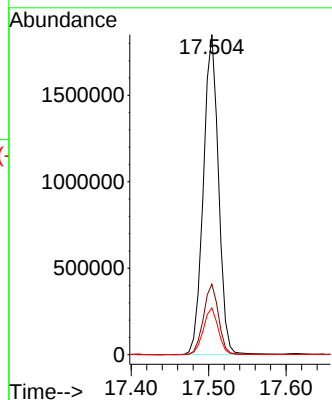
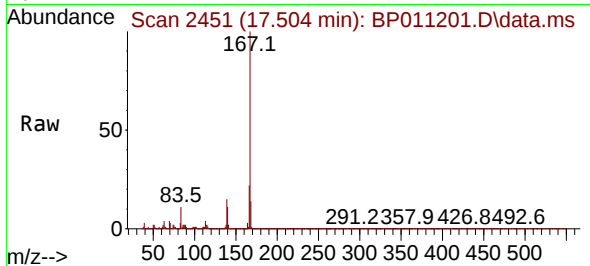




#77
Carbazole
Concen: 58.560 ng/ul
RT: 17.504 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

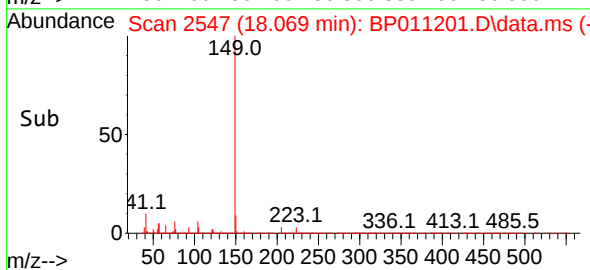
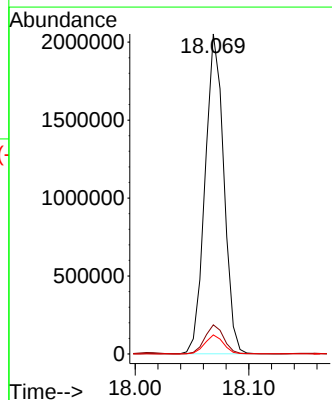
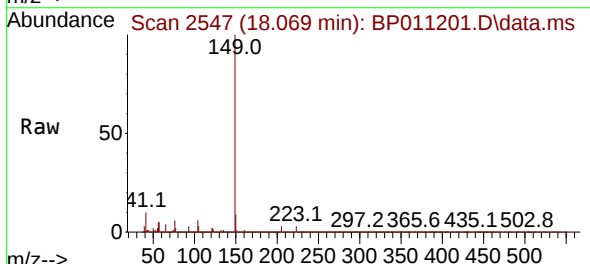
Instrument :
BNA_P
ClientSampleId :

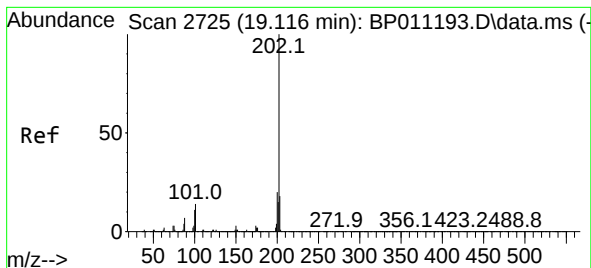
Tgt Ion:167 Resp: 2508646
Ion Ratio Lower Upper
167 100
166 22.1 16.9 25.3
139 14.6 10.6 16.0



#78
Di-n-butylphthalate
Concen: 45.645 ng/ul
RT: 18.069 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:149 Resp: 2338327
Ion Ratio Lower Upper
149 100
150 9.1 7.1 10.7
104 5.9 4.6 6.8





#80

Fluoranthene

Concen: 120.433 ng/ul

RT: 19.122 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

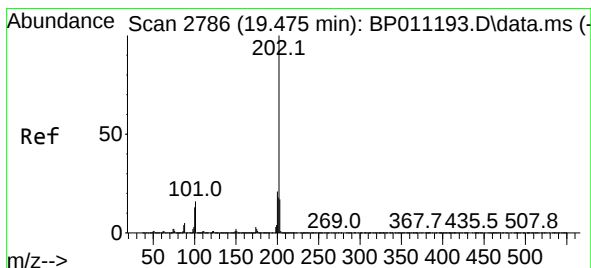
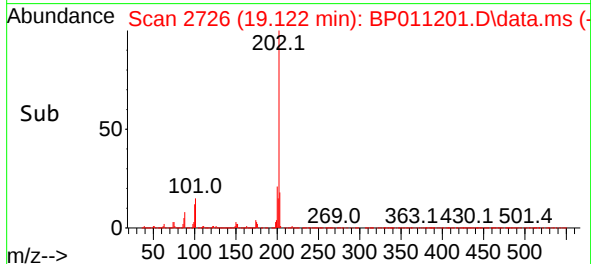
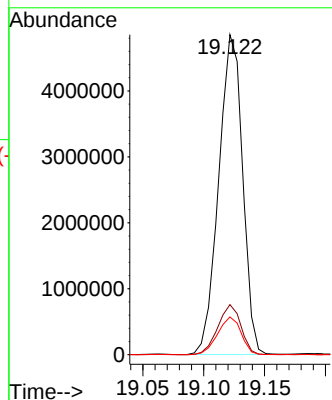
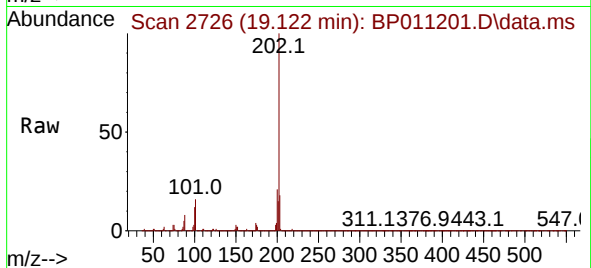
Tgt Ion:202 Resp: 6635469

Ion Ratio Lower Upper

202 100

101 15.6 7.1 10.7#

100 11.8 5.7 8.5#



#82

Pyrene

Concen: 99.331 ng/ul

RT: 19.480 min Scan# 2787

Delta R.T. 0.006 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

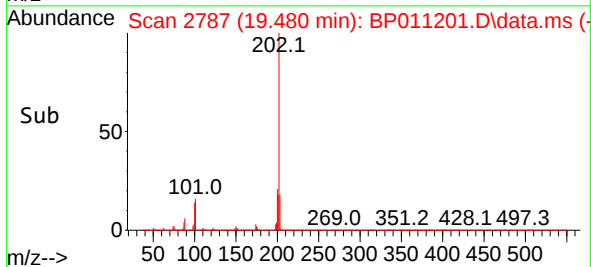
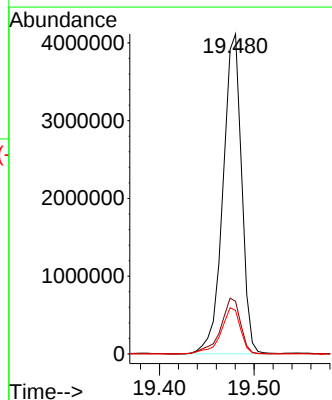
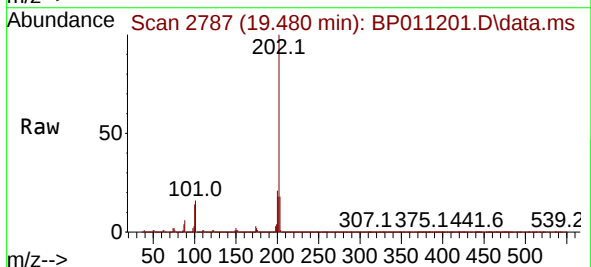
Tgt Ion:202 Resp: 5623924

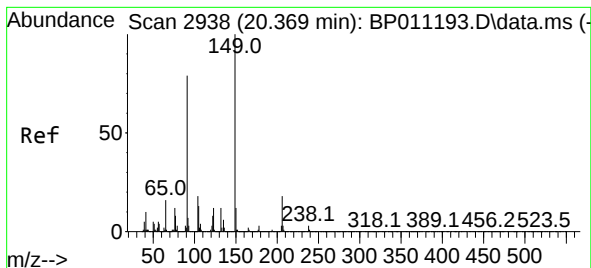
Ion Ratio Lower Upper

202 100

101 16.5 7.9 11.9#

100 13.6 6.7 10.1#





#83

Butylbenzylphthalate

Concen: 48.812 ng/ul

RT: 20.369 min Scan# 2938

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

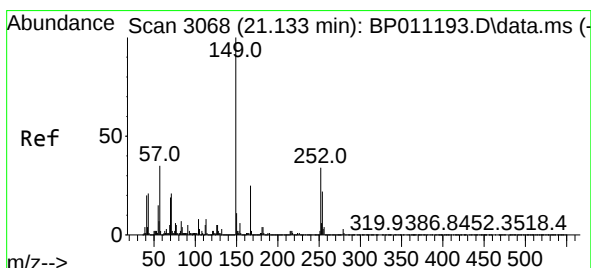
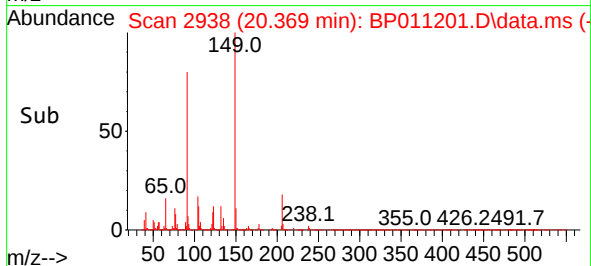
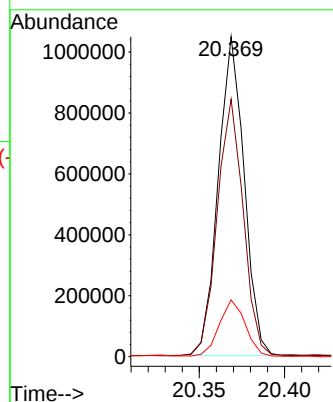
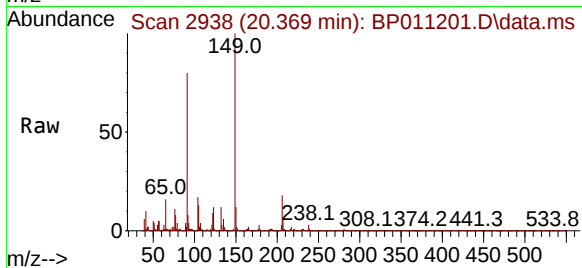
Tgt Ion:149 Resp: 1106639

Ion Ratio Lower Upper

149 100

91 80.5 60.0 90.0

206 17.8 17.4 26.2



#84

3,3'-Dichlorobenzidine

Concen: 31.571 ng/ul

RT: 21.139 min Scan# 3069

Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

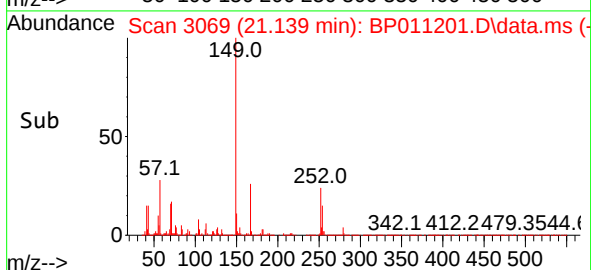
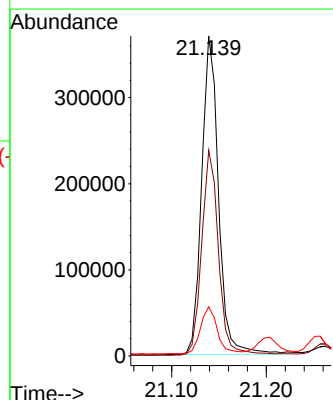
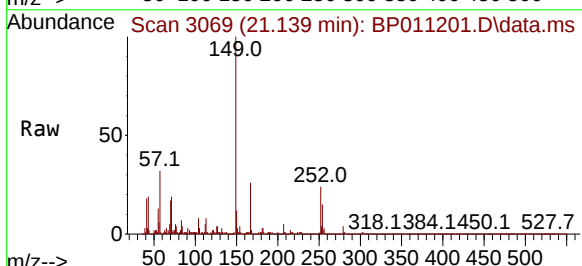
Tgt Ion:252 Resp: 457090

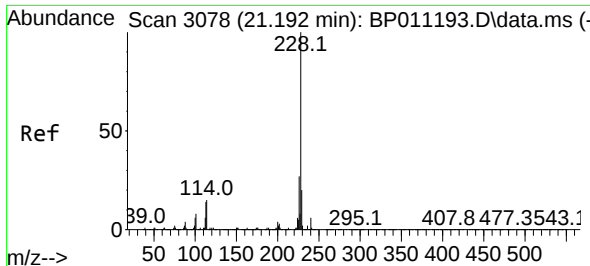
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.4

126 15.3 8.6 12.8#

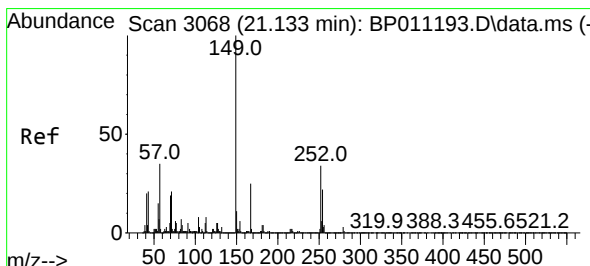
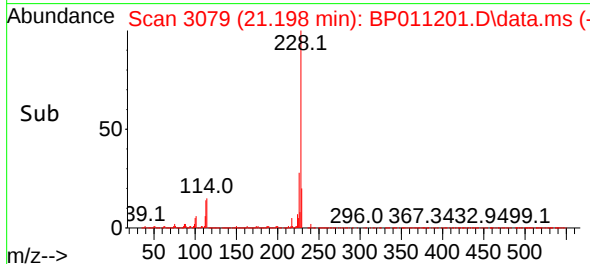
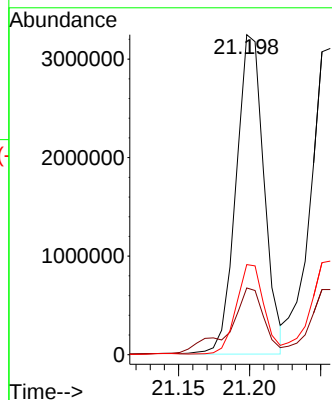
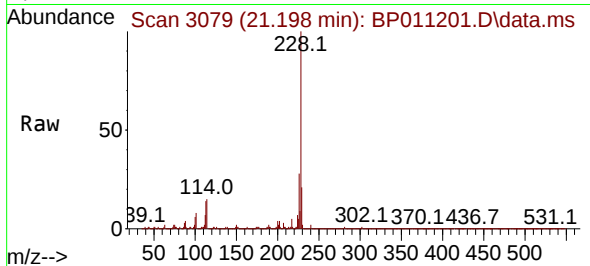




#85
Benzo(a)anthracene
Concen: 86.080 ng/ul
RT: 21.198 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

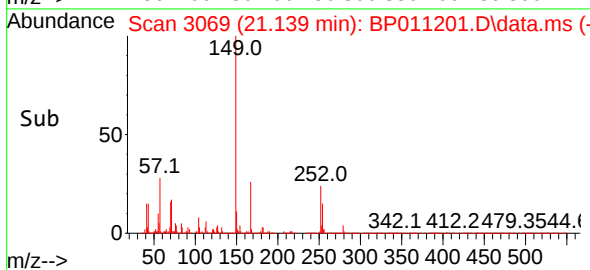
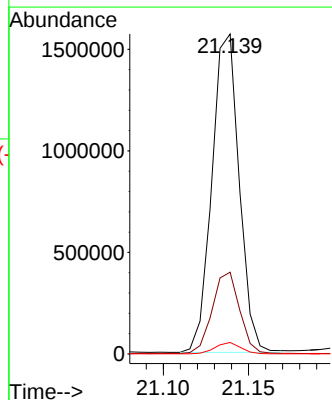
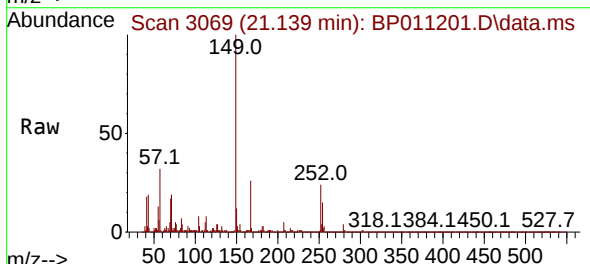
Instrument :
BNA_P
ClientSampleId :

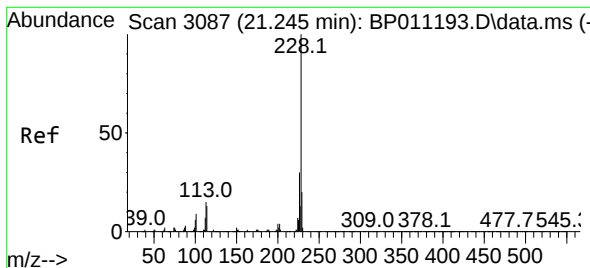
Tgt Ion:228 Resp: 4441782
Ion Ratio Lower Upper
228 100
229 20.9 15.0 22.4
226 28.2 20.6 31.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 51.019 ng/ul
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:149 Resp: 1748156
Ion Ratio Lower Upper
149 100
167 25.6 22.6 33.8
279 3.6 4.2 6.4#





#87

Chrysene

Concen: 83.376 ng/ul

RT: 21.257 min Scan# 3089

Delta R.T. 0.012 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

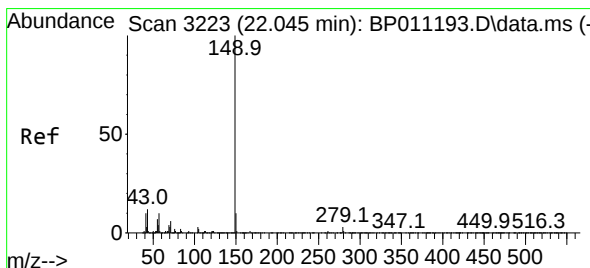
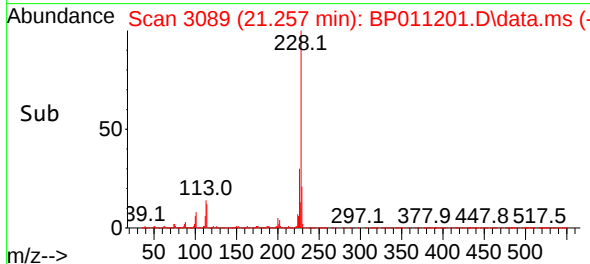
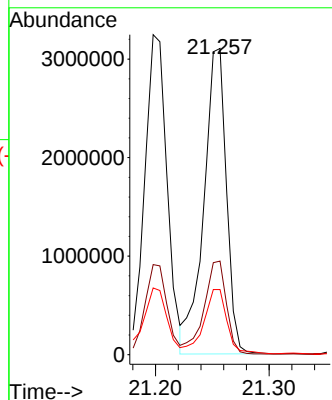
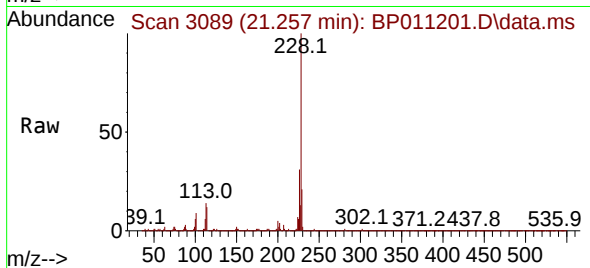
Tgt Ion:228 Resp: 4276983

Ion Ratio Lower Upper

228 100

226 30.5 23.6 35.4

229 21.2 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 46.978 ng/ul

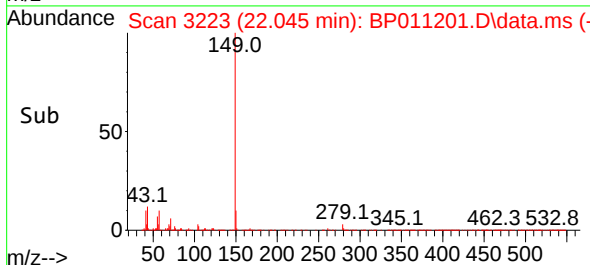
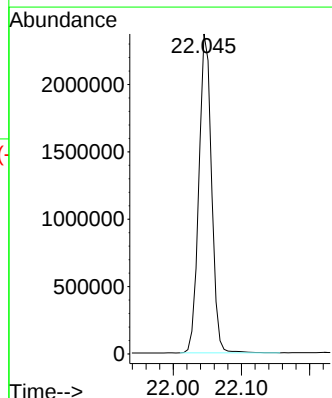
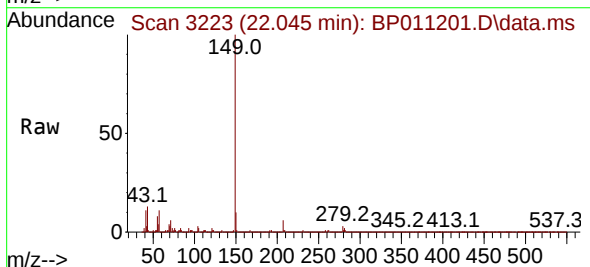
RT: 22.045 min Scan# 3223

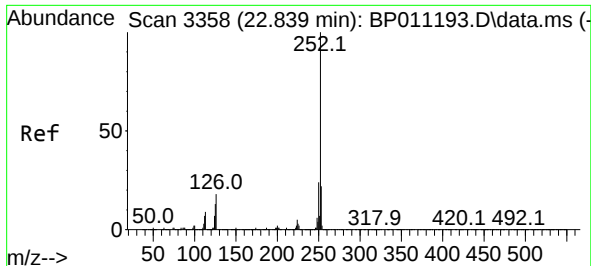
Delta R.T. 0.000 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Tgt Ion:149 Resp: 3049900

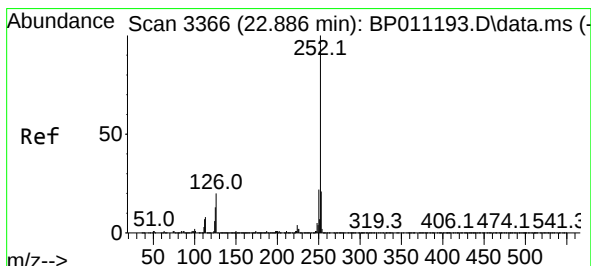
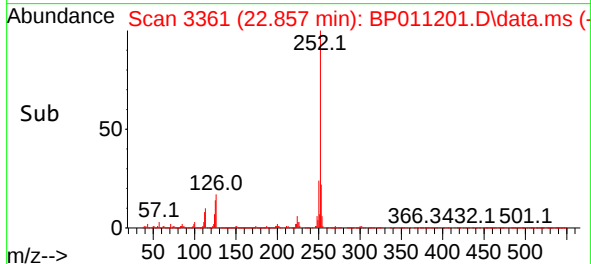
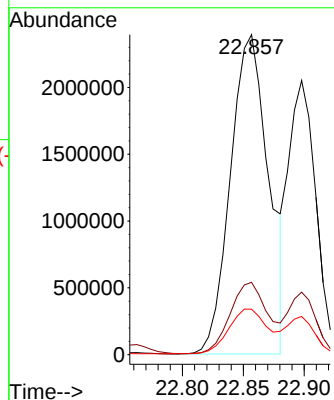
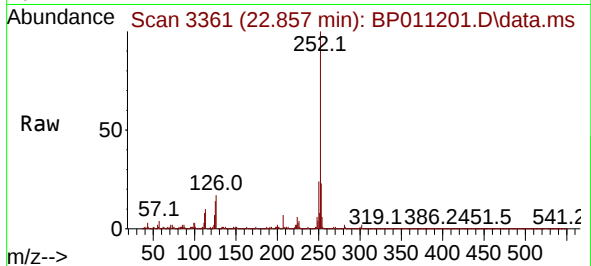




#90
Benzo(b)fluoranthene
Concen: 87.562 ng/ul
RT: 22.857 min Scan# 3361
Delta R.T. 0.018 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

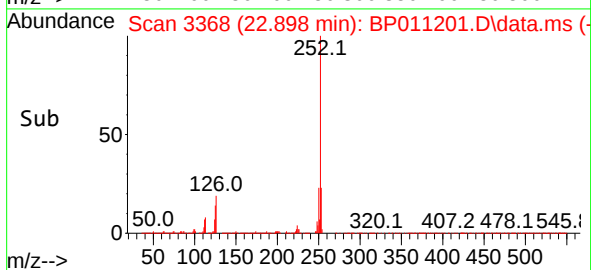
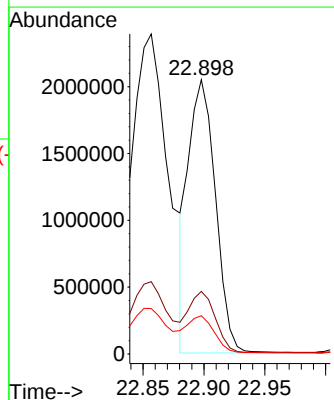
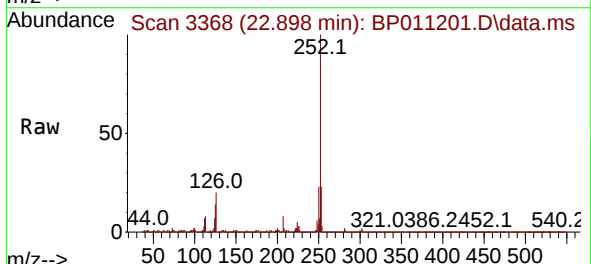
Instrument :
BNA_P
ClientSampleId :

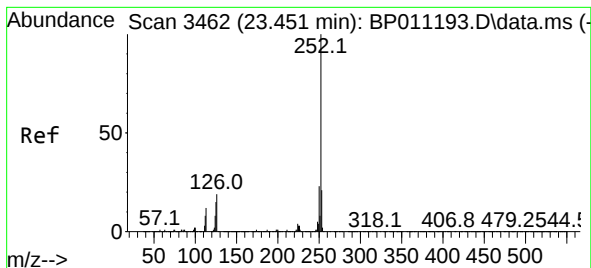
Tgt Ion:252 Resp: 5214170
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 14.2 6.2 9.2#



#91
Benzo(k)fluoranthene
Concen: 56.089 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. 0.006 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:252 Resp: 3169909
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 14.0 6.2 9.4#





#93

Benzo(a)pyrene

Concen: 71.037 ng/ul

RT: 23.463 min Scan# 3464

Delta R.T. 0.012 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

Instrument :

BNA_P

ClientSampleId :

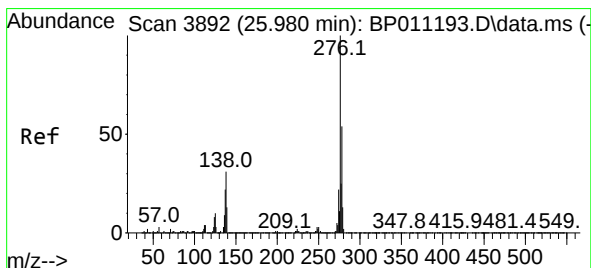
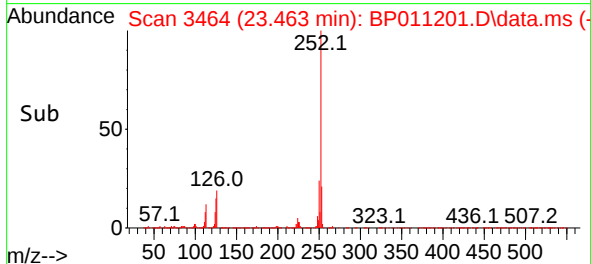
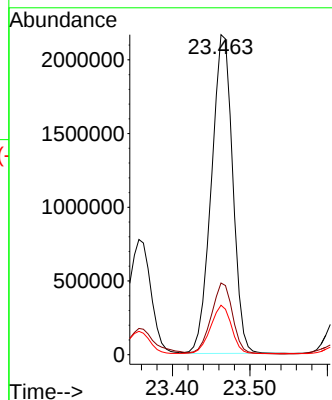
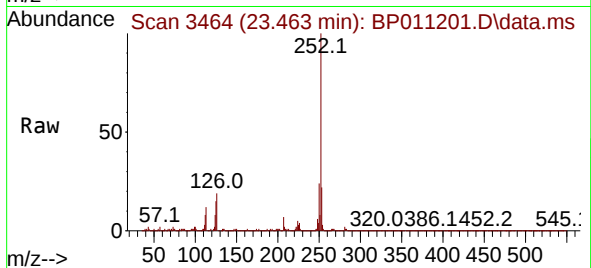
Tgt Ion:252 Resp: 4126174

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 15.5 6.6 10.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 55.881 ng/ul

RT: 25.998 min Scan# 3895

Delta R.T. 0.018 min

Lab File: BP011201.D

Acq: 01 Aug 2022 15:54

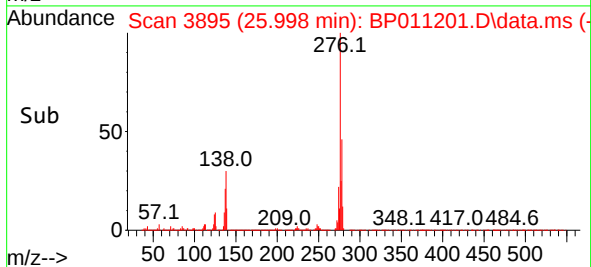
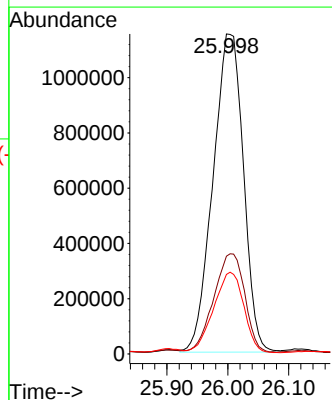
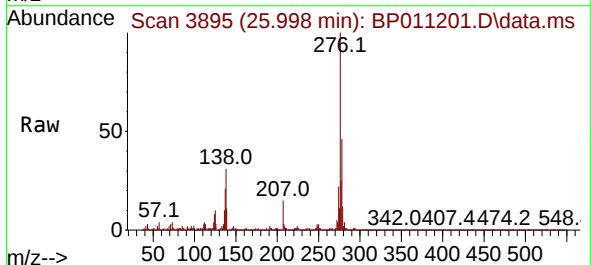
Tgt Ion:276 Resp: 3998811

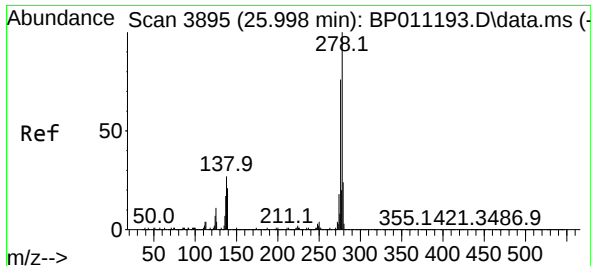
Ion Ratio Lower Upper

276 100

138 30.5 14.6 22.0#

277 24.8 19.6 29.4

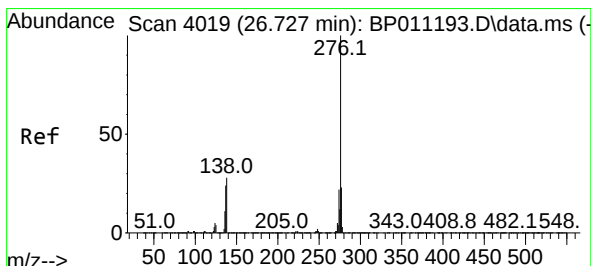
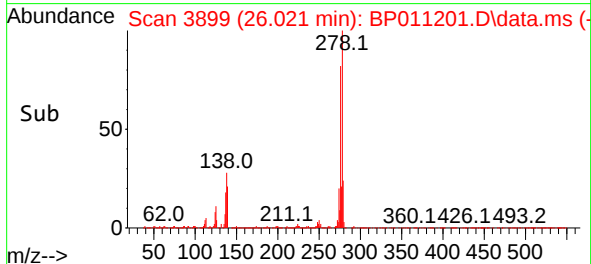
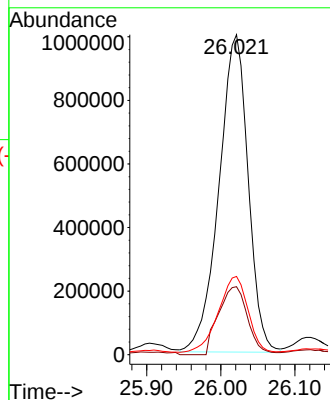
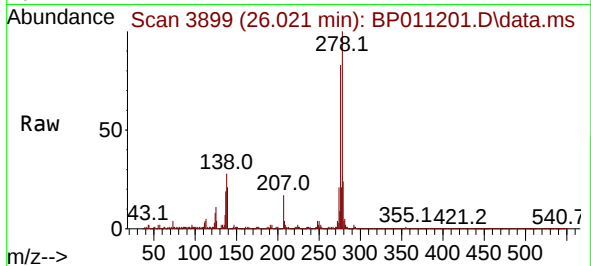




#95
Dibenzo(a,h)anthracene
Concen: 44.502 ng/ul
RT: 26.021 min Scan# 3899
Delta R.T. 0.018 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 2731421
Ion Ratio Lower Upper
278 100
139 21.2 9.4 14.2#
279 24.5 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 47.323 ng/ul
RT: 26.751 min Scan# 4023
Delta R.T. 0.029 min
Lab File: BP011201.D
Acq: 01 Aug 2022 15:54

Tgt Ion:276 Resp: 2928867
Ion Ratio Lower Upper
276 100
138 28.5 12.7 19.1#
277 24.0 18.2 27.4

