

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011359.D
 Acq On : 10 Aug 2022 08:51
 Operator : CG/JU
 Sample : N4069-08MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 10 23:54:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	138413	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	613481	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	357965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	720667	20.000	ng/u1	0.00
79) Chrysene-d12	21.162	240	660396	20.000	ng/u1	0.00
88) Perylene-d12	23.468	264	649018	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	20238	4.482	ng/uL	0.00
4) Pyridine-d5	3.505	84	91064	7.996	ng/u1	0.00
7) Phenol-d5	6.769	99	89448	7.302	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	251516	28.959	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	243896	25.377	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	161607	16.803	ng/u1	0.00
21) Nitrobenzene-d5	8.751	128	151824	36.363	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	156645	40.979	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	263832	34.177	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	294273	21.805	ng/u1	0.00
46) Dimethylphthalate-d6	13.686	166	1001626	40.327	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1131371	37.841	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	37071	8.172	ng/u1	0.00
60) Fluorene-d10	15.263	176	817289	38.477	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	151812	45.352	ng/u1	0.00
73) Anthracene-d10	17.133	188	1260288	38.907	ng/u1	0.00
81) Pyrene-d10	19.392	212	1420917	39.054	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.321	264	1321228	40.367	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	18744	3.908	ng/uL#	81
5) Pyridine	3.522	79	95495	8.050	ng/u1#	82
6) Benzaldehyde	6.740	77	232025	43.464	ng/u1	96
8) Phenol	6.799	94	87838	6.625	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.028	93	290643	27.218	ng/u1	96
12) 2-Chlorophenol	7.151	128	236478	23.613	ng/u1	98
13) 2-Methylphenol	8.040	108	172470	18.062	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	432810	27.024	ng/u1	96
16) Acetophenone	8.416	105	477554	30.689	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.404	70	255159	33.286	ng/u1	98
18) 4-Methylphenol	8.375	108	162296	15.857	ng/u1	99
19) Hexachloroethane	8.651	117	121132	28.646	ng/u1	98
22) Nitrobenzene	8.793	77	370627	31.710	ng/u1	98
23) Isophorone	9.322	82	709682	33.102	ng/u1	99
25) 2-Nitrophenol	9.498	139	158366	35.548	ng/u1#	87
26) 2,4-Dimethylphenol	9.569	107	230532	20.480	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.810	93	406390	29.661	ng/u1	98
29) 2,4-Dichlorophenol	10.034	162	250395	31.018	ng/u1	99
30) Naphthalene	10.428	128	956377	28.654	ng/u1	99
32) 4-Chloroaniline	10.551	127	268727	19.865	ng/u1	98
33) Hexachlorobutadiene	10.704	225	153274	30.949	ng/u1	99
34) Caprolactam	11.369	113	12624	4.676	ng/u1	78
35) 4-Chloro-3-methylphenol	11.692	107	300247	31.634	ng/u1	98
36) 2-Methylnaphthalene	12.051	142	645430	31.197	ng/u1	100

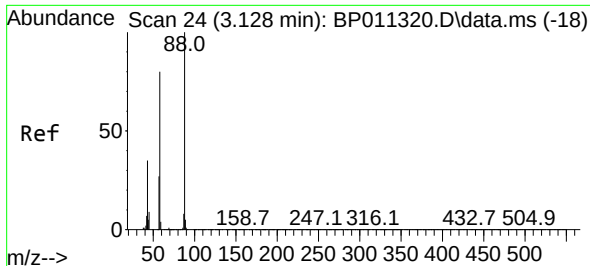
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	657992	31.354	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	287437	30.501	ng/ul	96
40) Hexachlorocyclopentadiene	12.398	237	126963	25.142	ng/ul	99
41) 2,4,6-Trichlorophenol	12.675	196	209198	36.688	ng/ul	99
42) 2,4,5-Trichlorophenol	12.745	196	228002	37.465	ng/ul	98
43) 1,1'-Biphenyl	13.086	154	870467	30.967	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	653158	30.970	ng/ul	96
45) 2-Nitroaniline	13.345	65	262399	48.988	ng/ul	99
47) Dimethylphthalate	13.733	163	928445	36.907	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	186227	47.345	ng/ul	96
50) Acenaphthylene	13.980	152	1150006	33.368	ng/ul	99
51) 3-Nitroaniline	14.186	138	150722	34.834	ng/ul	97
52) Acenaphthene	14.328	153	768301	33.425	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	97773	41.895	ng/ul#	87
55) 4-Nitrophenol	14.504	109	40317	9.580	ng/ul#	76
56) Dibenzofuran	14.663	168	1053759	33.816	ng/ul	91
57) 2,4-Dinitrotoluene	14.645	165	273336	45.337	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.898	232	188554	39.827	ng/ul#	97
59) Diethylphthalate	15.110	149	1055091	40.485	ng/ul	97
61) Fluorene	15.322	166	893336	35.300	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	397949	35.974	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.416	198	141121	40.942	ng/ul#	94
67) N-Nitrosodiphenylamine	15.539	169	766738	36.105	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	237967	37.315	ng/ul	91
69) Hexachlorobenzene	16.322	284	272289	36.547	ng/ul	92
70) Atrazine	16.516	200	242673	34.283	ng/ul	97
71) Pentachlorophenol	16.680	266	165740	38.320	ng/ul	99
72) Phenanthrene	17.074	178	1427648	35.329	ng/ul	100
74) Anthracene	17.169	178	1422645	35.364	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	292465	28.268	ng/uL	97
76) Pentachlorobenzene	14.580	250	303116	33.641	ng/uL	99
77) Carbazole	17.451	167	1337064	35.568	ng/ul	99
78) Di-n-butylphthalate	18.021	149	1842098	44.814	ng/ul	100
80) Fluoranthene	19.068	202	1624201	36.676	ng/ul#	93
82) Pyrene	19.421	202	1664132	35.602	ng/ul	94
83) Butylbenzylphthalate	20.321	149	825289	55.405	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.086	252	128067	10.656	ng/ul	99
85) Benzo(a)anthracene	21.145	228	1538460	36.312	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	1229726	51.427	ng/ul	98
87) Chrysene	21.198	228	1492870	35.594	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	2065678	45.872	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	1559996	36.520	ng/ul	98
91) Benzo(k)fluoranthene	22.815	252	1494639	35.762	ng/ul	98
93) Benzo(a)pyrene	23.374	252	1494992	36.287	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.856	276	1685299	37.003	ng/ul	94
95) Dibenzo(a,h)anthracene	25.874	278	1451998	37.485	ng/ul#	94
96) Benzo(g,h,i)perylene	26.586	276	1423061	37.028	ng/ul	95

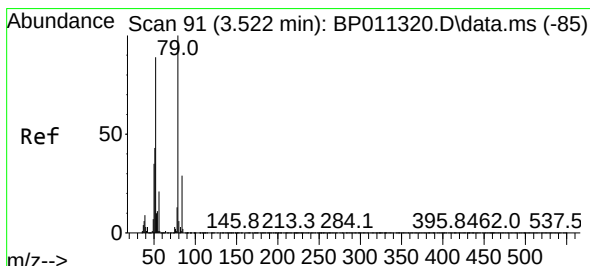
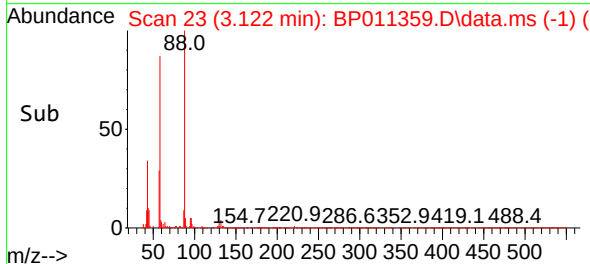
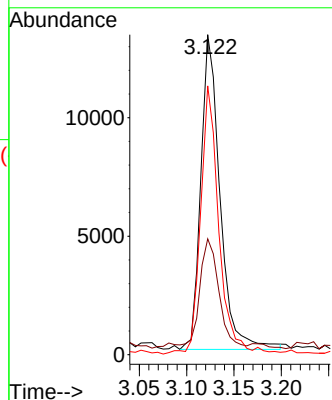
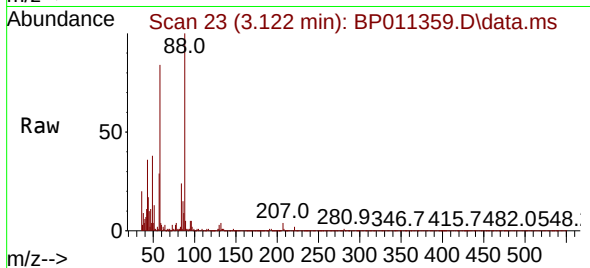
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#2
1,4-Dioxane
Concen: 3.908 ng/uL
RT: 3.122 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011359.D
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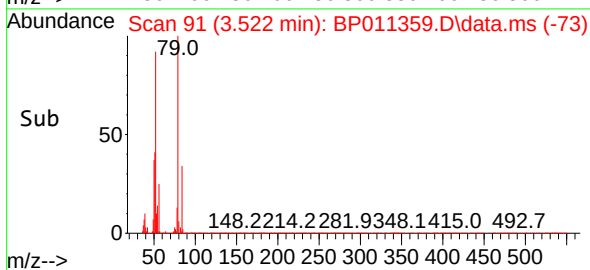
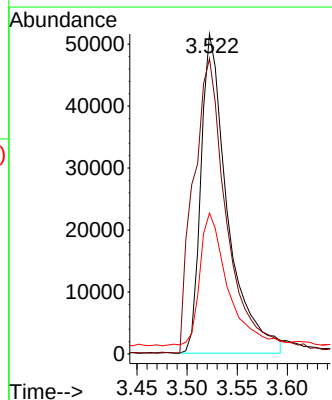
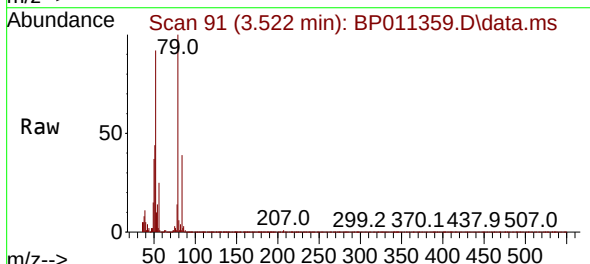
Instrument :
BNA_P
ClientSampleId :

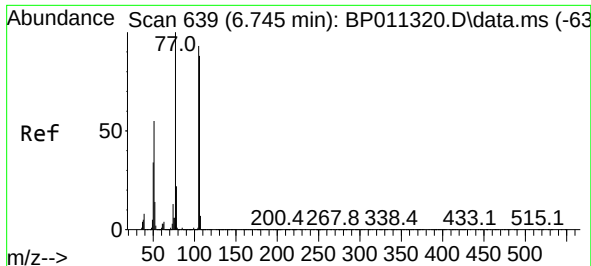
Tgt Ion: 88 Resp: 18744
Ion Ratio Lower Upper
88 100
43 36.2 29.6 44.4
58 84.0 49.1 73.7#



#5
Pyridine
Concen: 8.050 ng/uL
RT: 3.522 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion: 79 Resp: 95495
Ion Ratio Lower Upper
79 100
52 92.3 57.8 86.6#
51 44.1 31.5 47.3

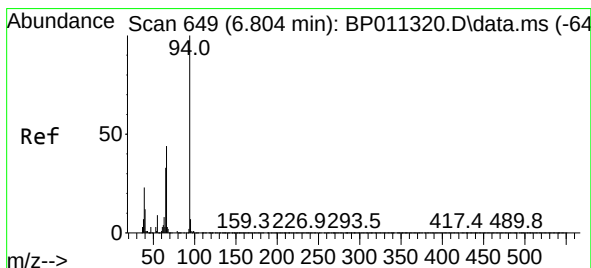
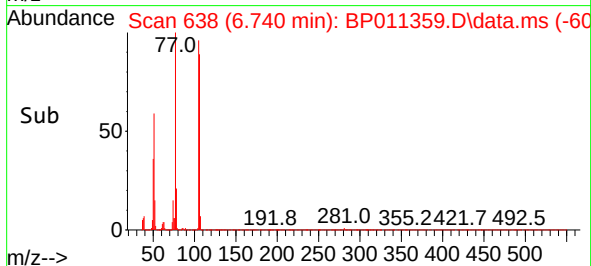
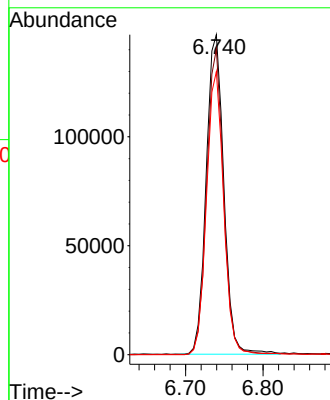
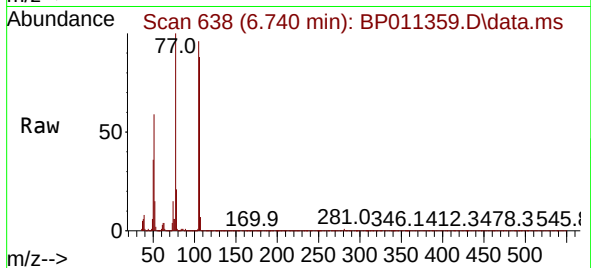




#6
Benzaldehyde
Concen: 43.464 ng/ul
RT: 6.740 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

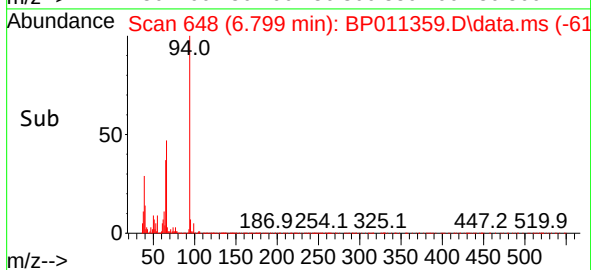
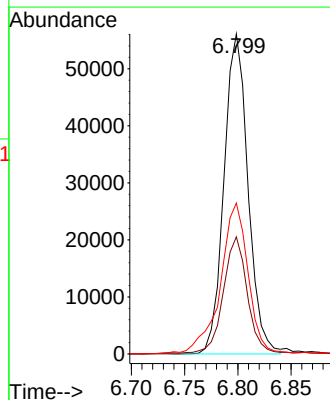
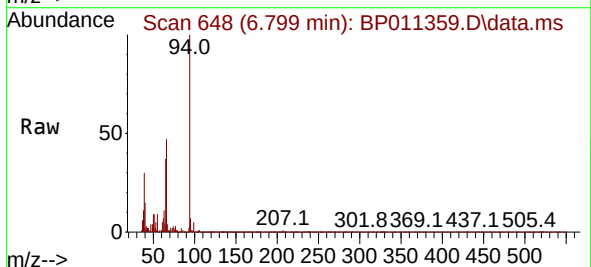
Instrument :
BNA_P
ClientSampleId :

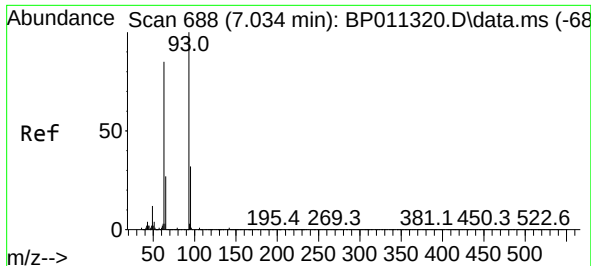
Tgt Ion: 77 Resp: 232025
Ion Ratio Lower Upper
77 100
105 95.5 72.0 108.0
106 88.4 69.4 104.0



#8
Phenol
Concen: 6.625 ng/ul
RT: 6.799 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

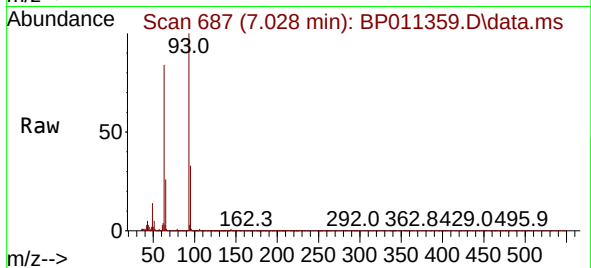
Tgt Ion: 94 Resp: 87838
Ion Ratio Lower Upper
94 100
65 36.6 24.7 37.1
66 47.1 32.6 49.0





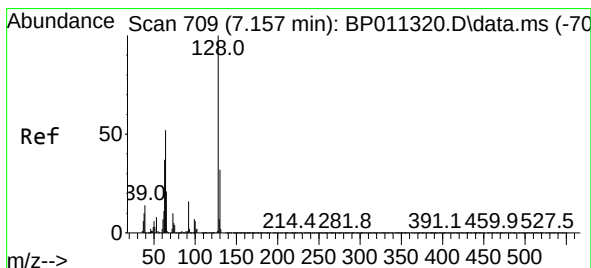
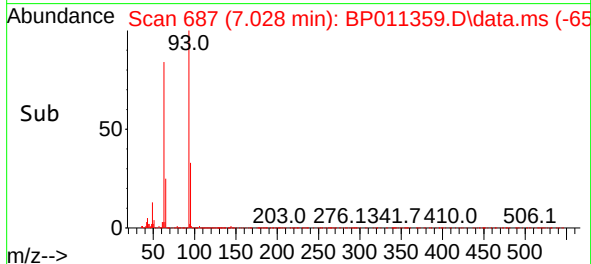
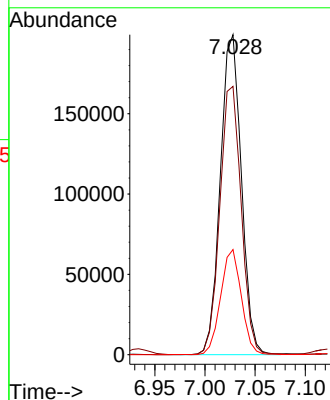
#10
 Bis(2-Chloroethyl)ether
 Concen: 27.218 ng/ul
 RT: 7.028 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP011359.D
 Acq: 10 Aug 2022 08:51

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 290643

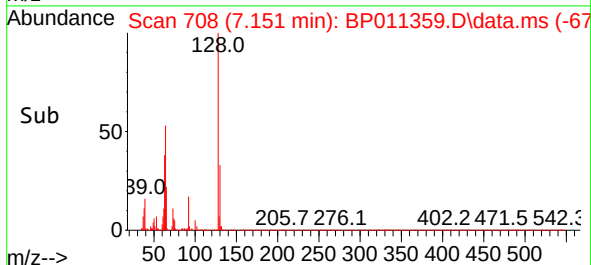
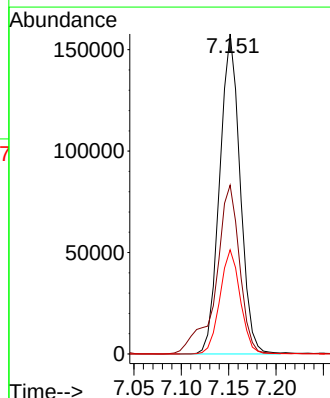
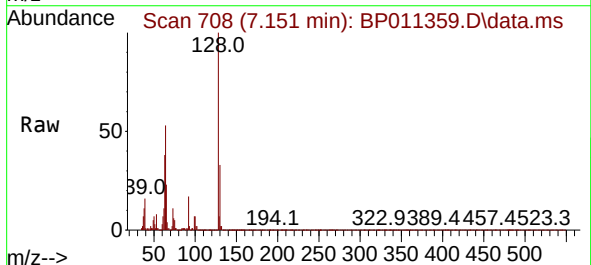
Ion	Ratio	Lower	Upper
93	100		
63	83.9	71.0	106.6
95	32.8	26.0	39.0

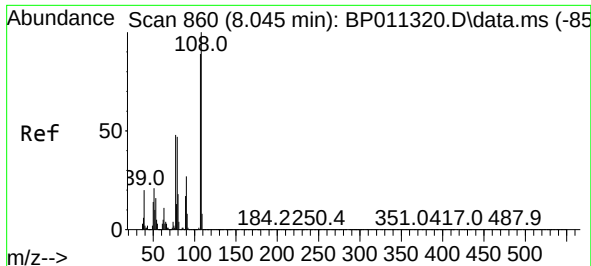


#12
 2-Chlorophenol
 Concen: 23.613 ng/ul
 RT: 7.151 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: BP011359.D
 Acq: 10 Aug 2022 08:51

Tgt Ion:128 Resp: 236478

Ion	Ratio	Lower	Upper
128	100		
64	52.7	43.8	65.6
130	32.6	25.4	38.2

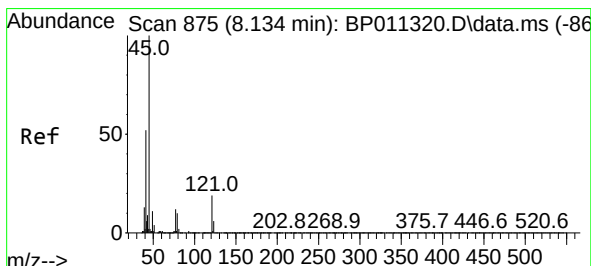
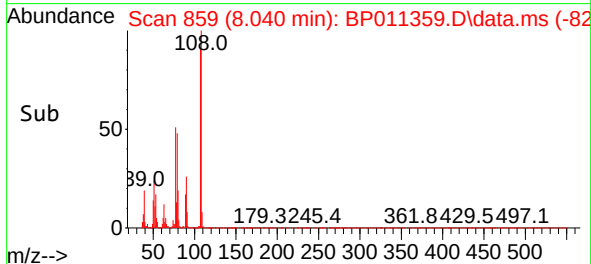
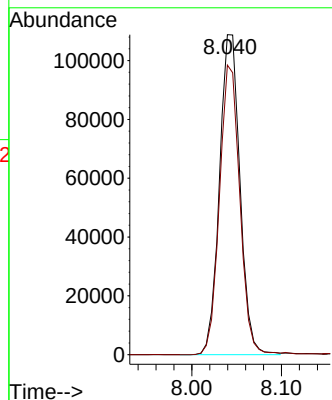
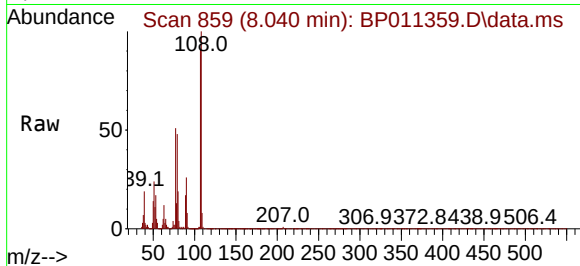




#13
2-Methylphenol
Concen: 18.062 ng/ul
RT: 8.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

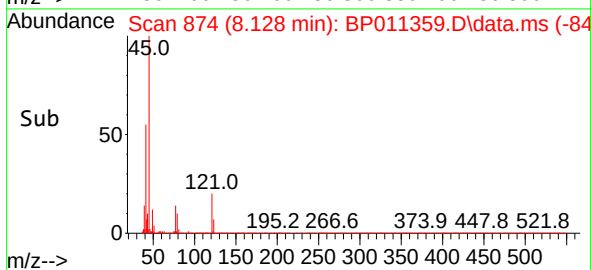
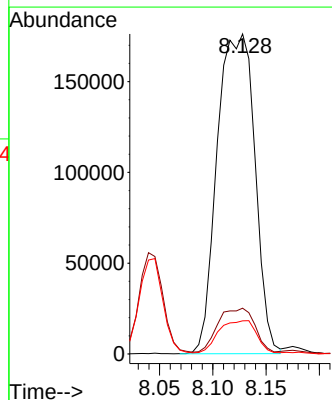
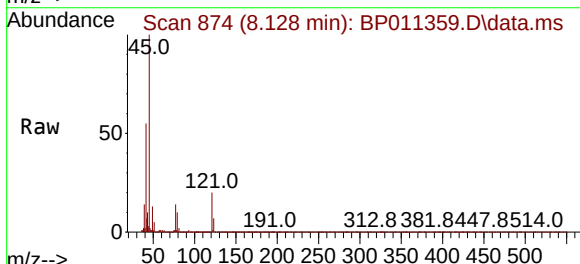
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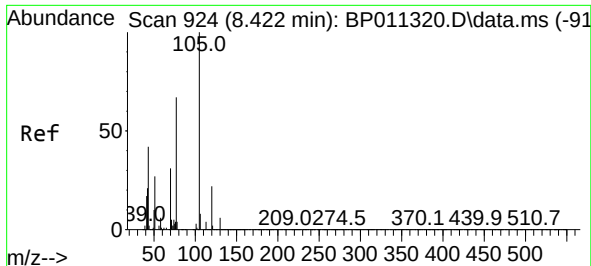
Tgt Ion:108 Resp: 172470
Ion Ratio Lower Upper
108 100
107 90.5 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.024 ng/ul
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion: 45 Resp: 432810
Ion Ratio Lower Upper
45 100
77 14.3 9.9 14.9
79 10.4 7.2 10.8

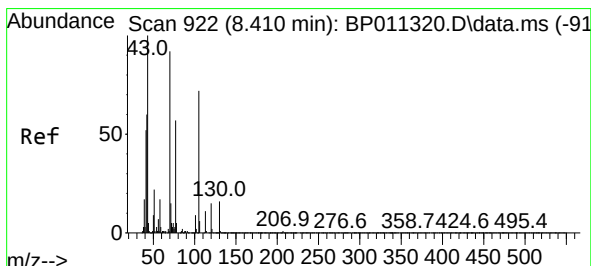
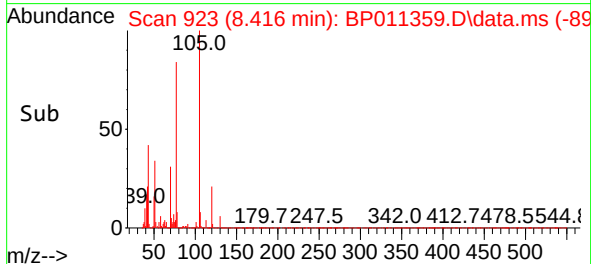
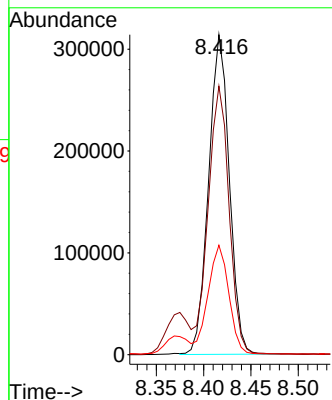
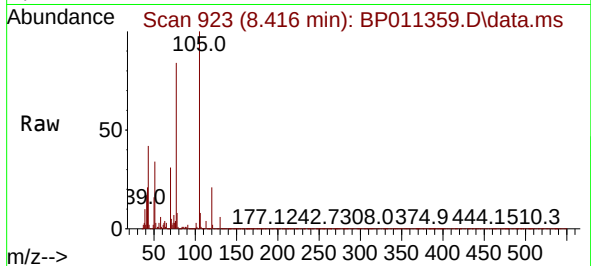




#16
Acetophenone
Concen: 30.689 ng/ul
RT: 8.416 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

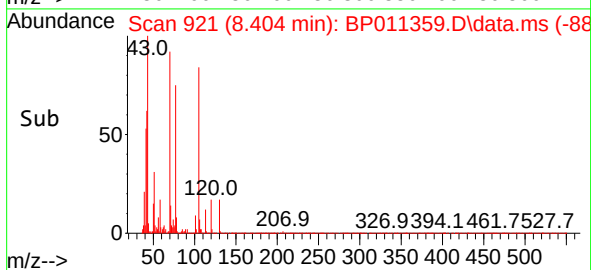
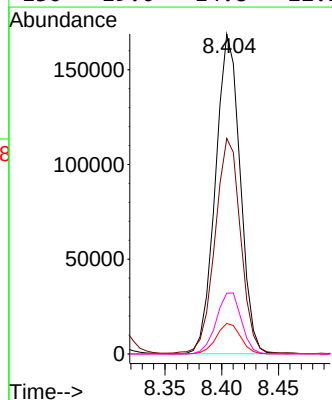
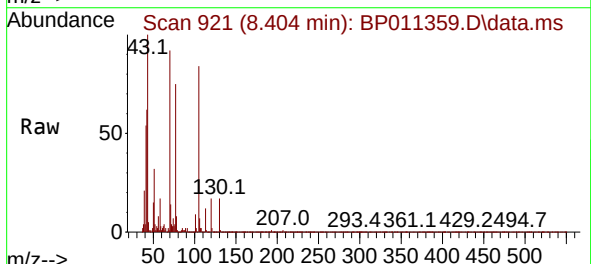
Instrument :
BNA_P
ClientSampleId :

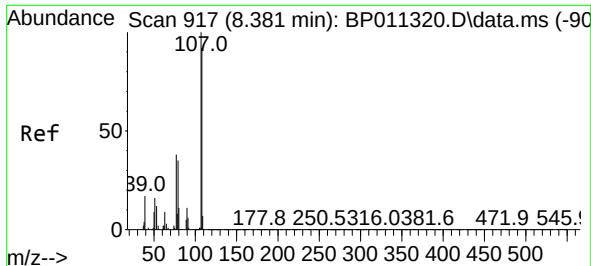
Tgt Ion:105 Resp: 477554
Ion Ratio Lower Upper
105 100
77 83.9 65.4 98.0
51 34.2 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 33.286 ng/ul
RT: 8.404 min Scan# 921
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

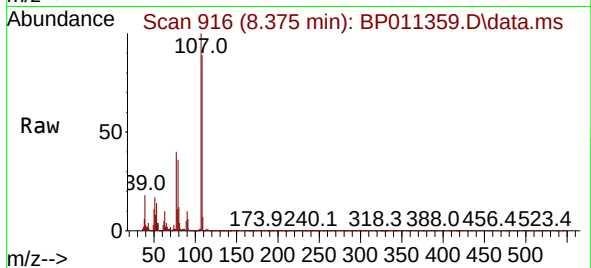
Tgt Ion: 70 Resp: 255159
Ion Ratio Lower Upper
70 100
42 67.4 55.5 83.3
101 9.6 7.1 10.7
130 19.0 14.8 22.2



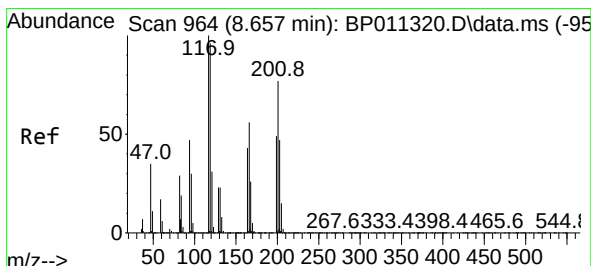
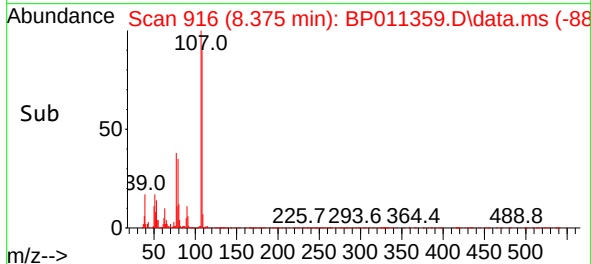
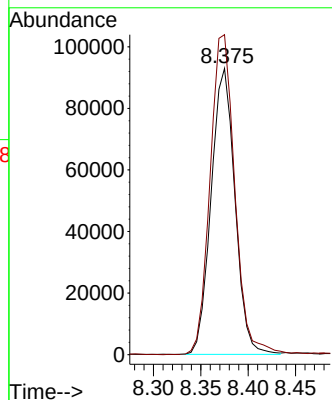


#18
4-Methylphenol
Concen: 15.857 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Instrument :
BNA_P
ClientSampleId :

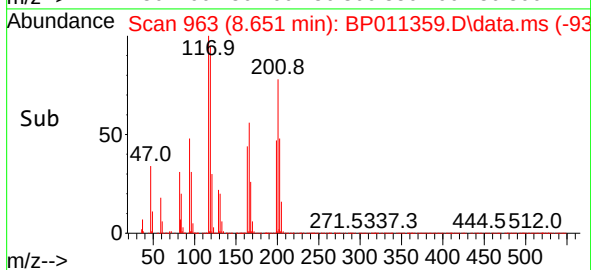
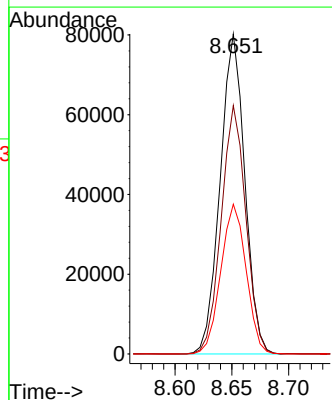
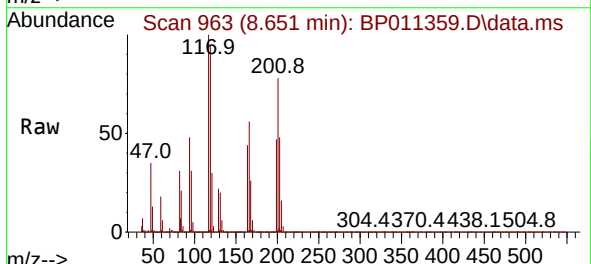


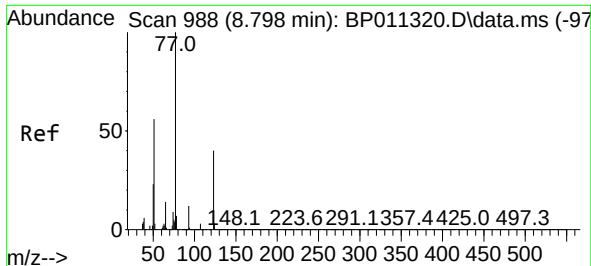
Tgt Ion:108 Resp: 162296
Ion Ratio Lower Upper
108 100
107 111.8 88.2 132.4



#19
Hexachloroethane
Concen: 28.646 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

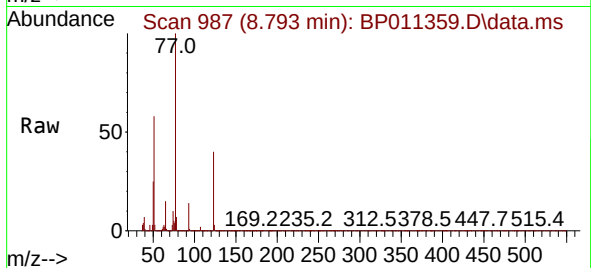
Tgt Ion:117 Resp: 121132
Ion Ratio Lower Upper
117 100
201 77.6 62.2 93.2
199 46.8 39.8 59.6



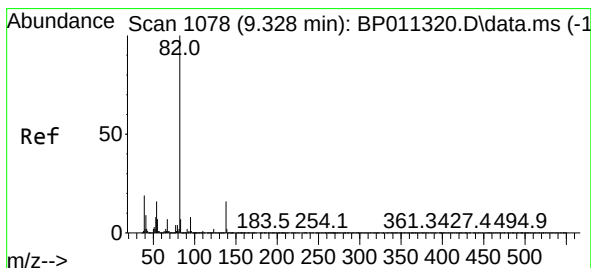
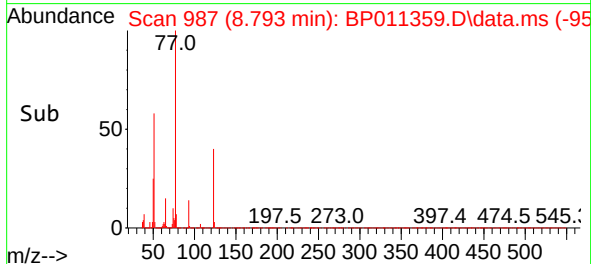
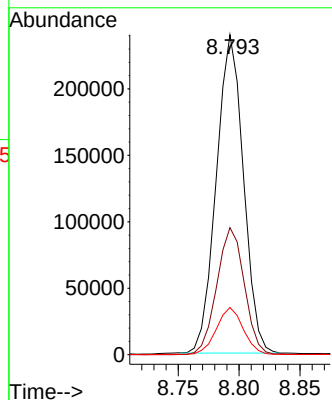


#22
Nitrobenzene
Concen: 31.710 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Instrument :
BNA_P
ClientSampleId :

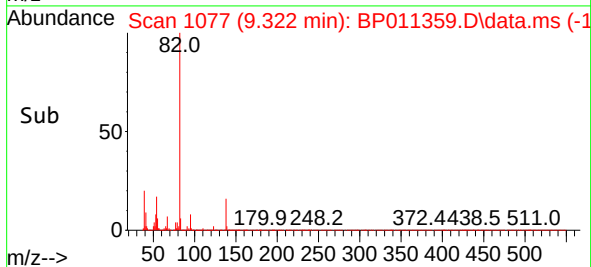
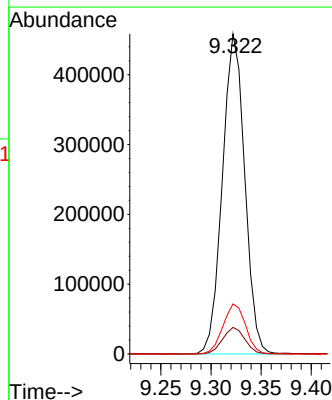
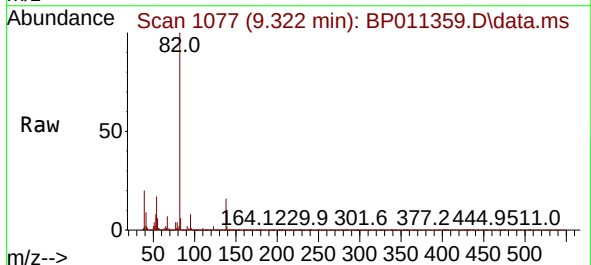


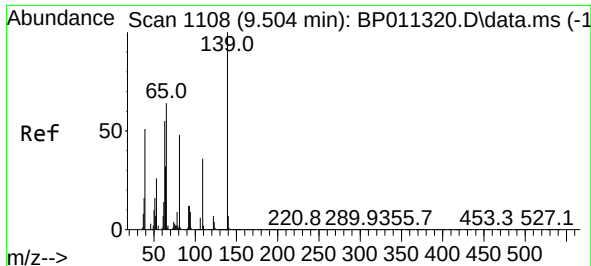
Tgt Ion: 77 Resp: 370627
Ion Ratio Lower Upper
77 100
123 39.7 31.4 47.0
65 14.8 10.6 15.8



#23
Isophorone
Concen: 33.102 ng/ul
RT: 9.322 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion: 82 Resp: 709682
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 15.7 12.6 18.8

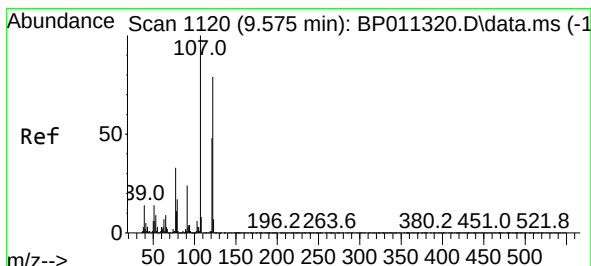
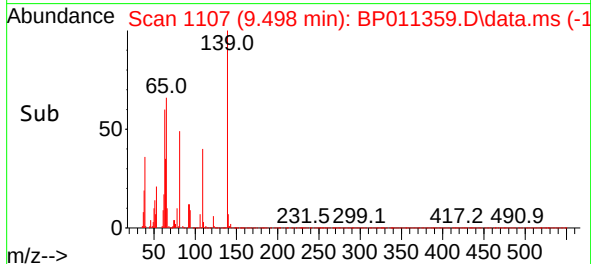
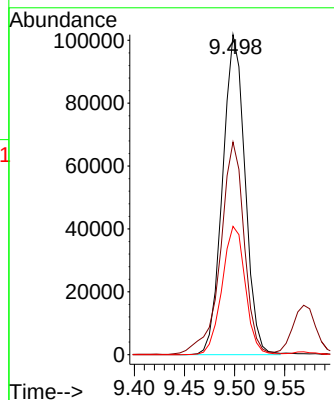
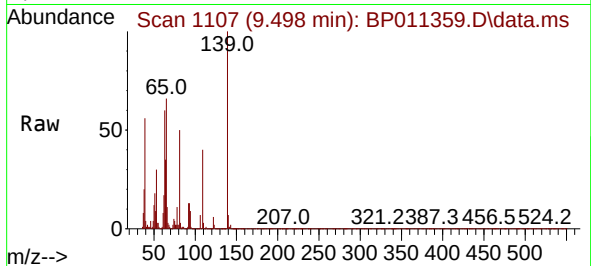




#25
2-Nitrophenol
Concen: 35.548 ng/ul
RT: 9.498 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

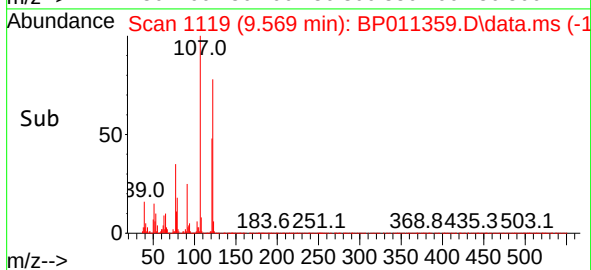
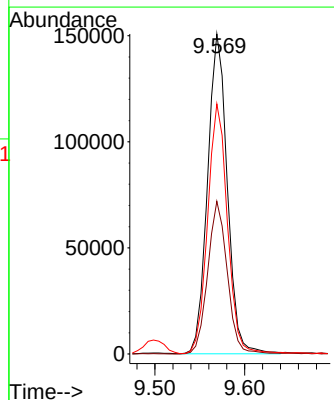
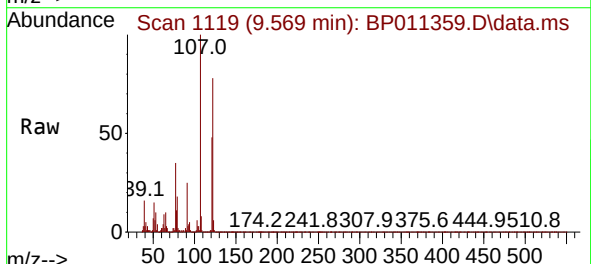
Instrument :
BNA_P
ClientSampleId :

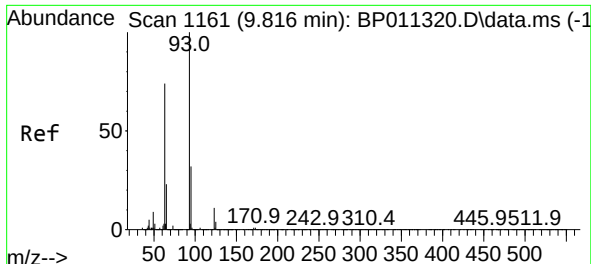
Tgt Ion:139 Resp: 158366
Ion Ratio Lower Upper
139 100
65 66.5 46.7 70.1
109 40.1 24.2 36.2#



#26
2,4-Dimethylphenol
Concen: 20.480 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:107 Resp: 230532
Ion Ratio Lower Upper
107 100
121 47.7 40.3 60.5
122 78.2 67.7 101.5

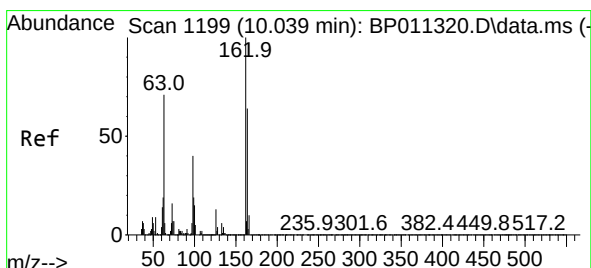
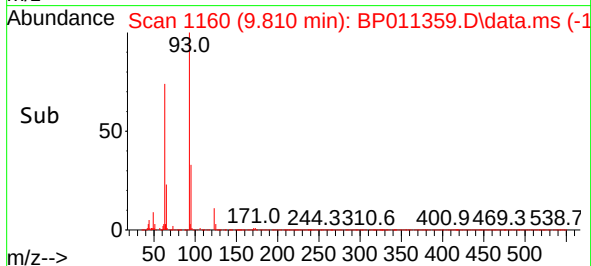
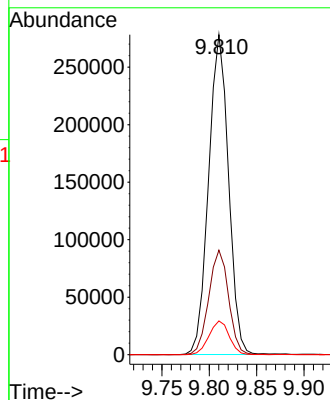
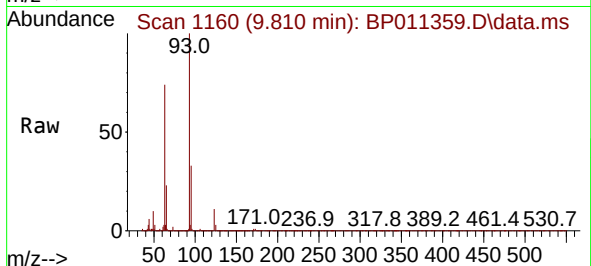




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.661 ng/ul
 RT: 9.810 min Scan# 1161
 Delta R.T. -0.006 min
 Lab File: BP011359.D
 Acq: 10 Aug 2022 08:51

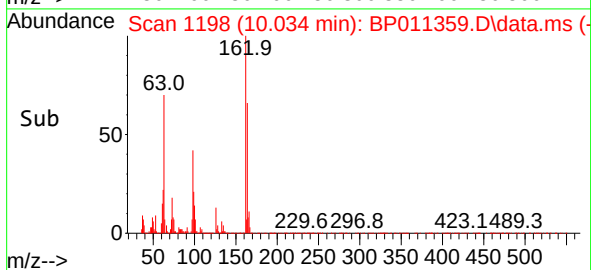
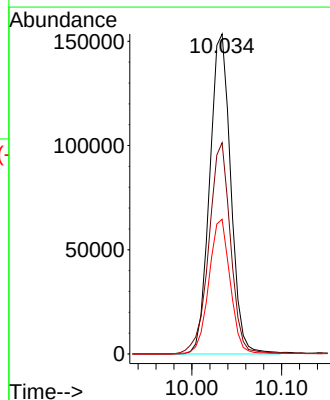
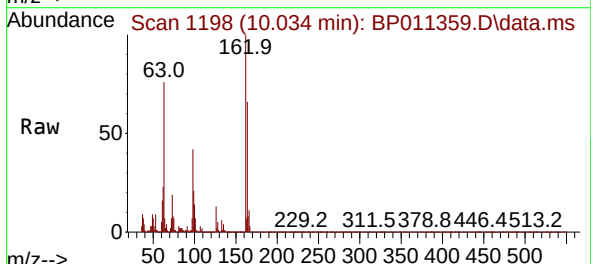
Instrument :
 BNA_P
 ClientSampleId :

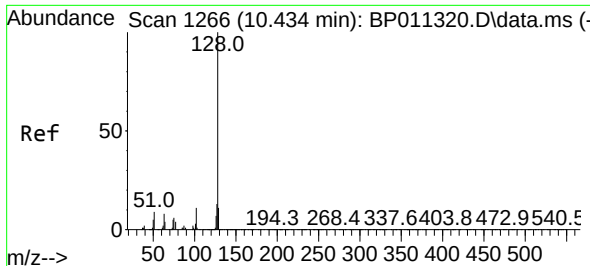
Tgt Ion: 93 Resp: 406390
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.2 37.8
 123 10.6 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 31.018 ng/ul
 RT: 10.034 min Scan# 1198
 Delta R.T. -0.000 min
 Lab File: BP011359.D
 Acq: 10 Aug 2022 08:51

Tgt Ion: 162 Resp: 250395
 Ion Ratio Lower Upper
 162 100
 164 66.0 52.6 79.0
 98 42.1 34.2 51.4

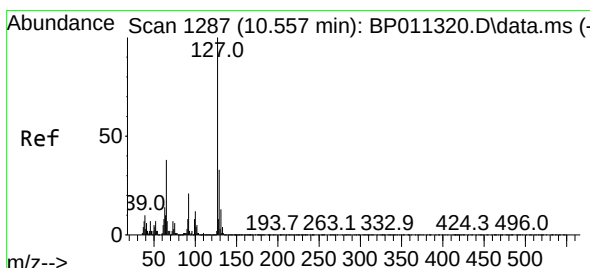
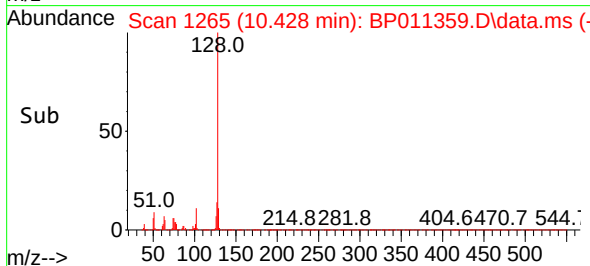
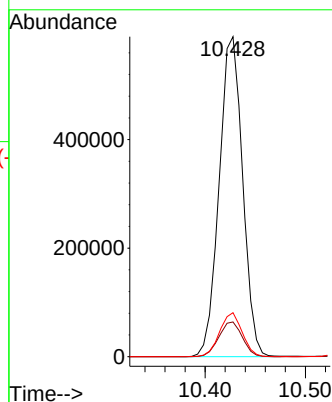
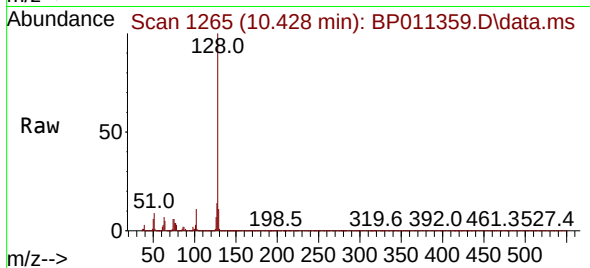




#30
Naphthalene
Concen: 28.654 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

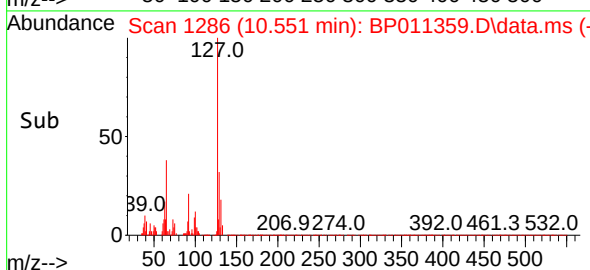
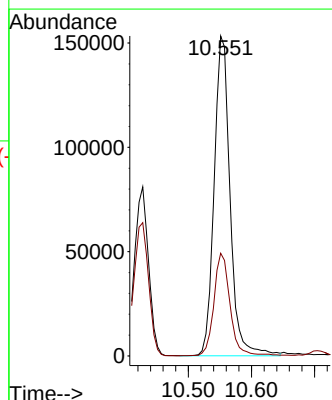
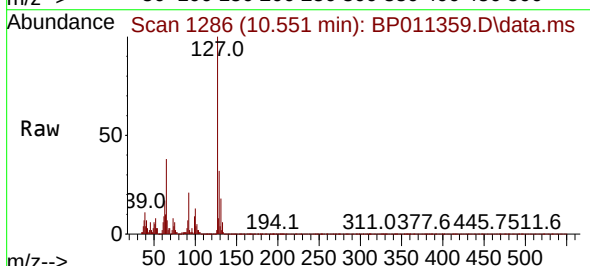
Instrument :
BNA_P
ClientSampleId :

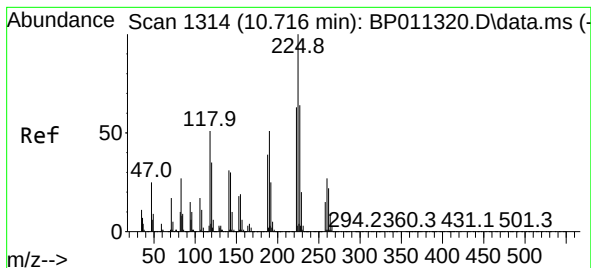
Tgt Ion:128 Resp: 956377
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.7 10.4 15.6



#32
4-Chloroaniline
Concen: 19.865 ng/ul
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:127 Resp: 268727
Ion Ratio Lower Upper
127 100
129 32.1 26.6 40.0





#33

Hexachlorobutadiene

Concen: 30.949 ng/ul

RT: 10.704 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

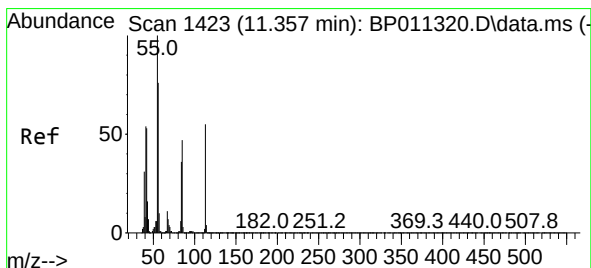
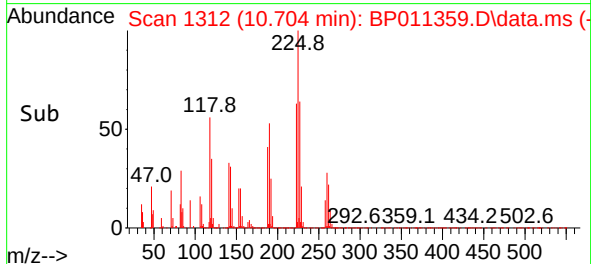
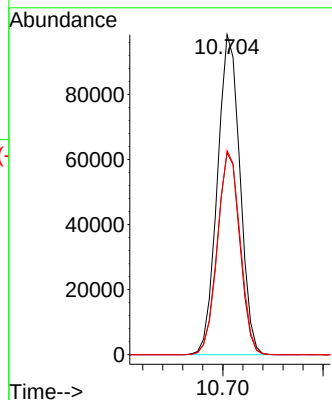
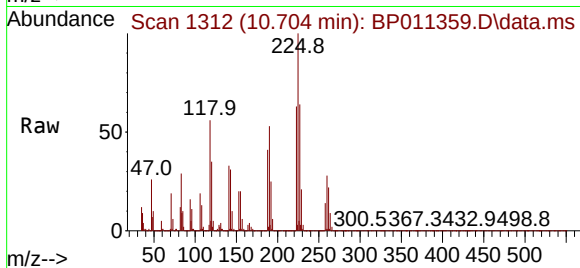
Tgt Ion:225 Resp: 153274

Ion Ratio Lower Upper

225 100

223 63.0 51.2 76.8

227 63.7 50.6 75.8



#34

Caprolactam

Concen: 4.676 ng/ul

RT: 11.369 min Scan# 1425

Delta R.T. 0.017 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

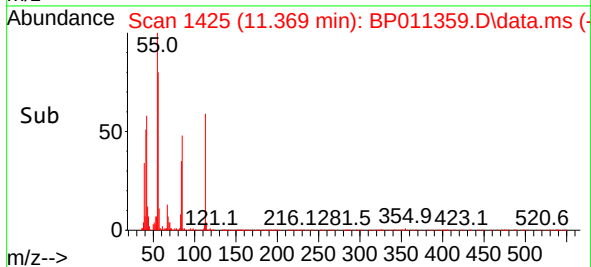
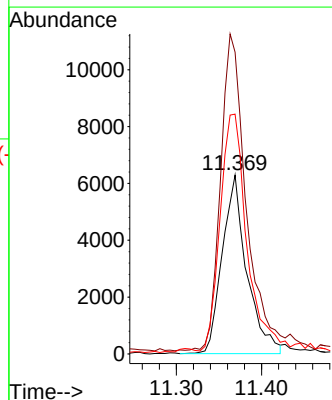
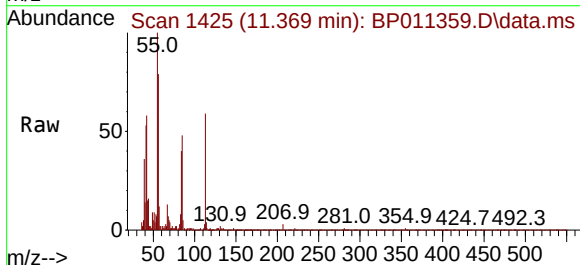
Tgt Ion:113 Resp: 12624

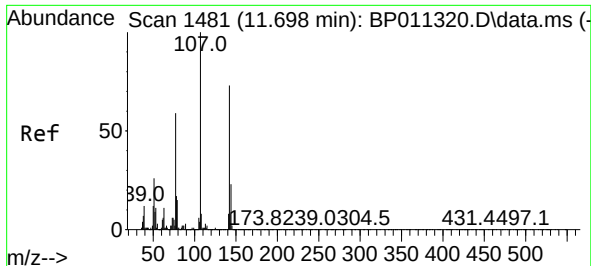
Ion Ratio Lower Upper

113 100

55 168.7 164.2 246.4

56 134.0 127.0 190.6

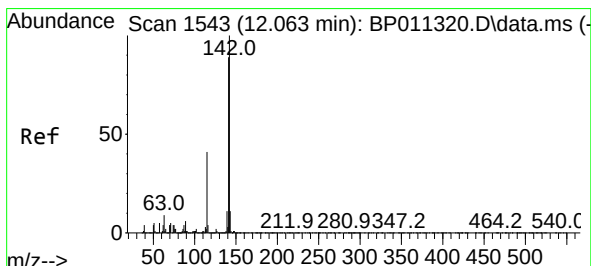
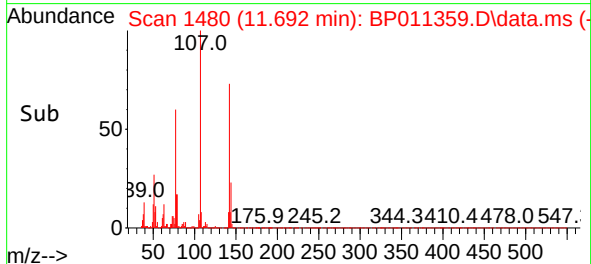
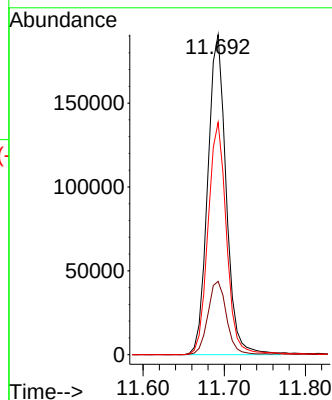
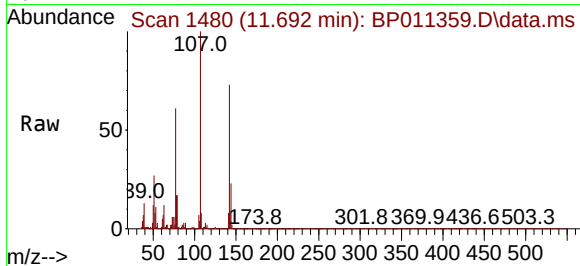




#35
4-Chloro-3-methylphenol
Concen: 31.634 ng/ul
RT: 11.692 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

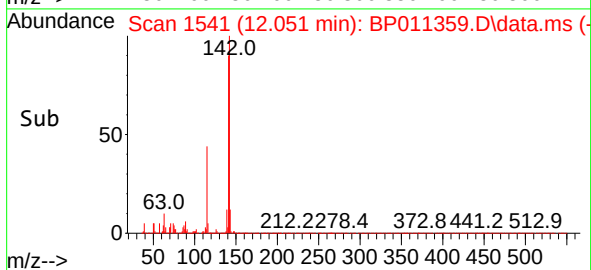
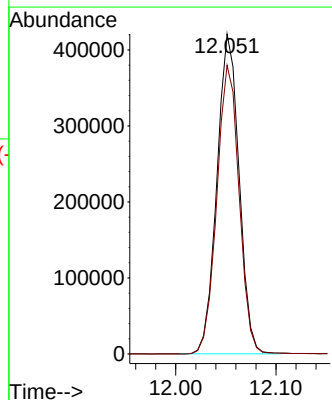
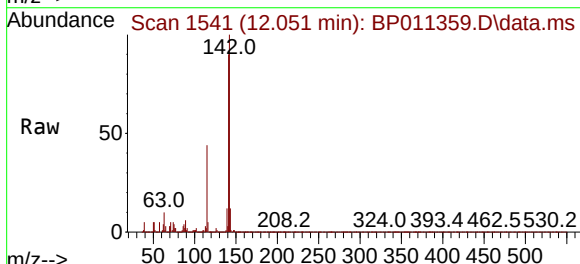
Instrument :
BNA_P
ClientSampleId :

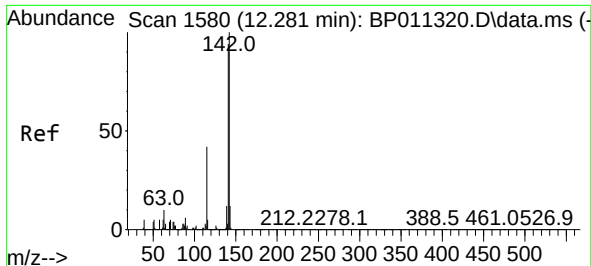
Tgt Ion:107 Resp: 300247
Ion Ratio Lower Upper
107 100
144 22.9 19.0 28.4
142 72.6 59.8 89.8



#36
2-Methylnaphthalene
Concen: 31.197 ng/ul
RT: 12.051 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:142 Resp: 645430
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.8

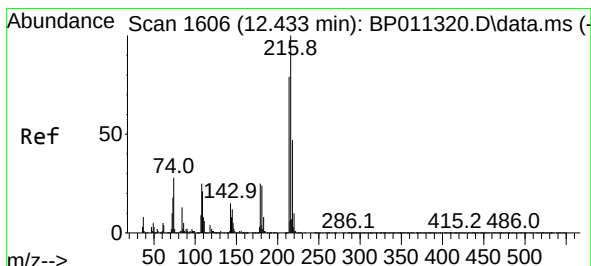
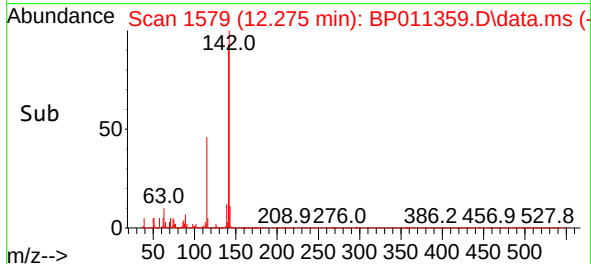
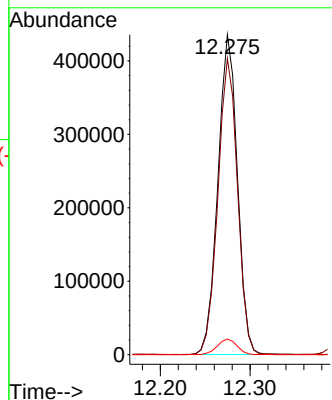
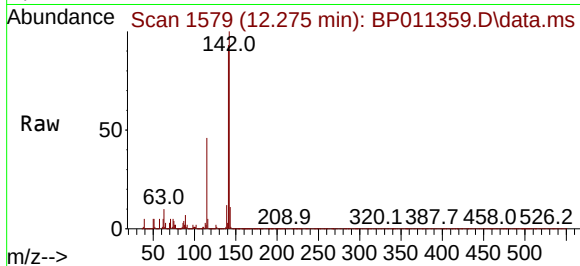




#37
1-Methylnaphthalene
Concen: 31.354 ng/ul
RT: 12.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

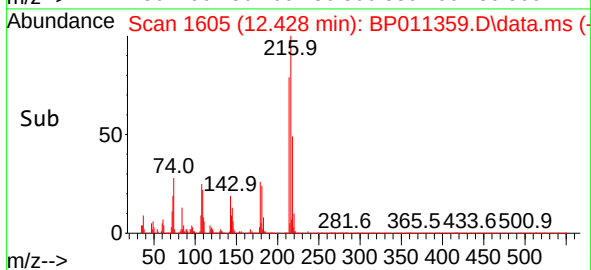
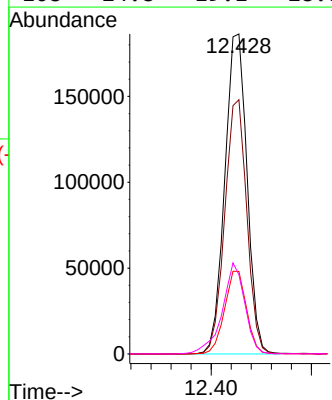
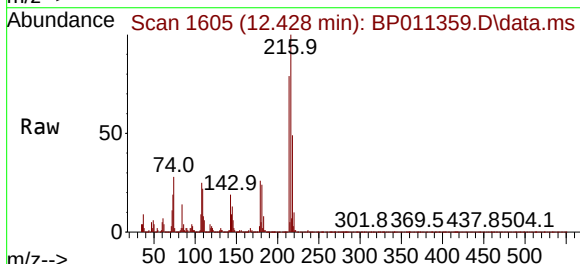
Instrument :
BNA_P
ClientSampleId :

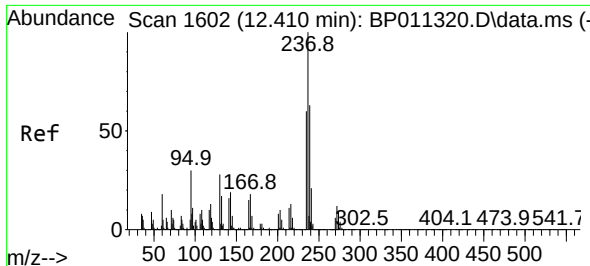
Tgt Ion:142 Resp: 657992
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1
116 4.9 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.501 ng/ul
RT: 12.428 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:216 Resp: 287437
Ion Ratio Lower Upper
216 100
214 79.4 61.1 91.7
179 25.8 18.6 27.8
108 24.8 19.1 28.7

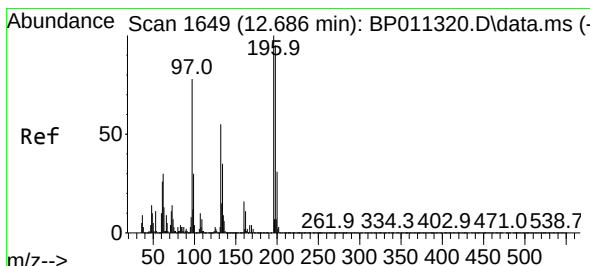
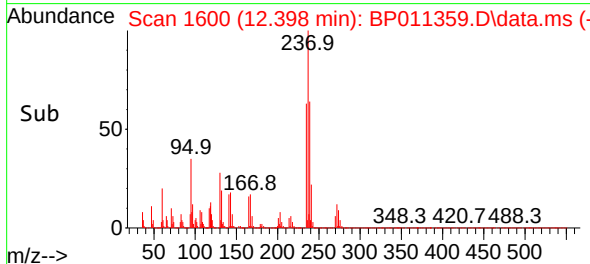
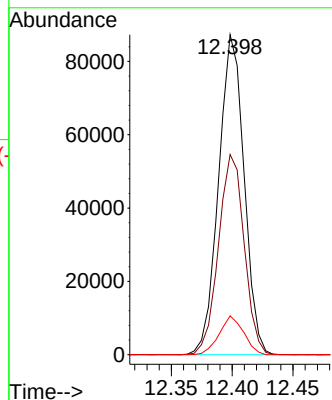
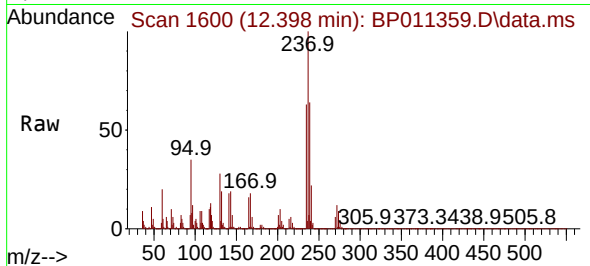




#40
Hexachlorocyclopentadiene
Concen: 25.142 ng/ul
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

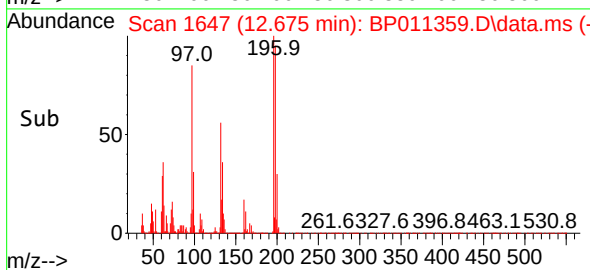
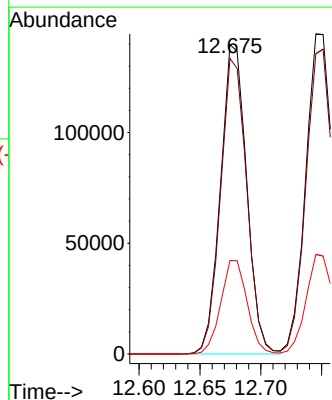
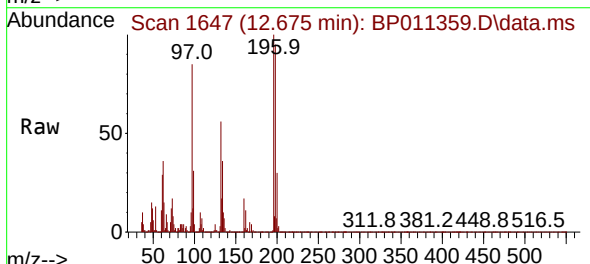
Instrument :
BNA_P
ClientSampleId :

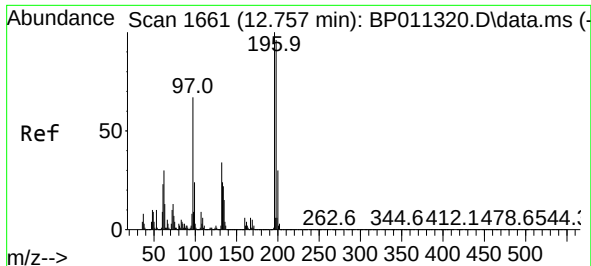
Tgt Ion:237 Resp: 126963
Ion Ratio Lower Upper
237 100
235 62.6 50.4 75.6
272 12.2 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 36.688 ng/ul
RT: 12.675 min Scan# 1647
Delta R.T. -0.012 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

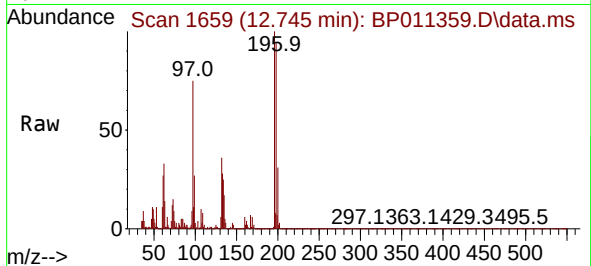
Tgt Ion:196 Resp: 209198
Ion Ratio Lower Upper
196 100
198 95.5 75.5 113.3
200 30.2 24.4 36.6



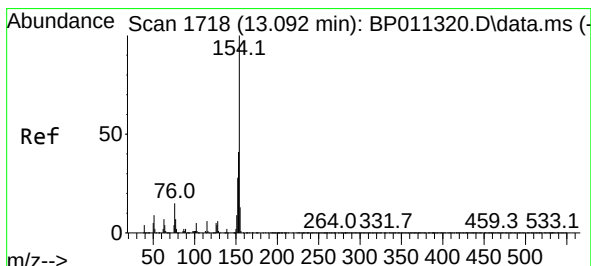
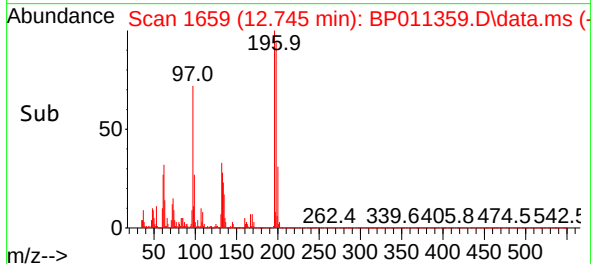
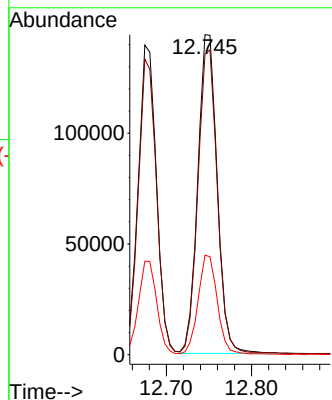


#42
2,4,5-Trichlorophenol
Concen: 37.465 ng/ul
RT: 12.745 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Instrument :
BNA_P
ClientSampleId :

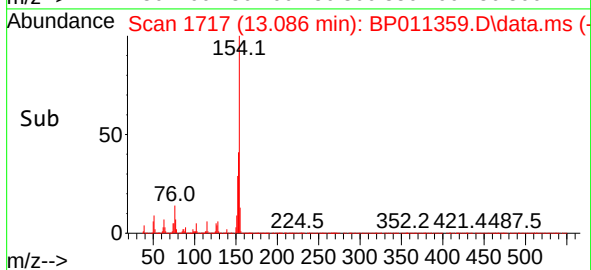
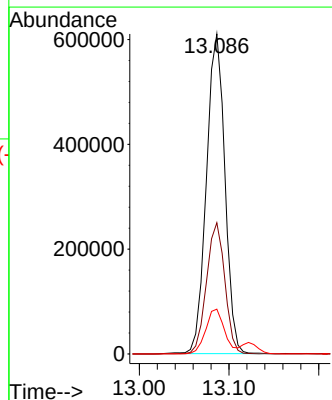
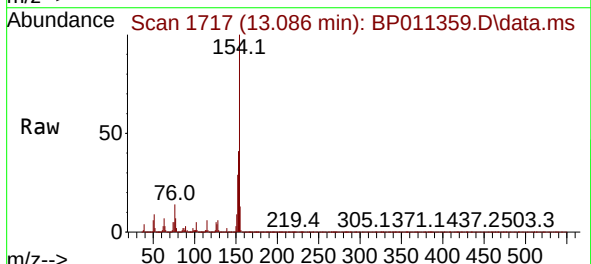


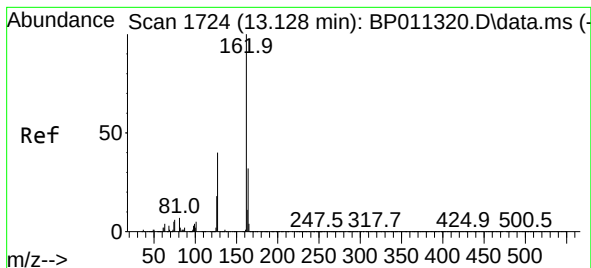
Tgt Ion:196 Resp: 228002
Ion Ratio Lower Upper
196 100
198 93.8 76.8 115.2
200 31.1 25.0 37.6



#43
1,1'-Biphenyl
Concen: 30.967 ng/ul
RT: 13.086 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:154 Resp: 870467
Ion Ratio Lower Upper
154 100
153 41.0 31.9 47.9
76 14.0 12.2 18.2





#44

2-Chloronaphthalene

Concen: 30.970 ng/ul

RT: 13.122 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

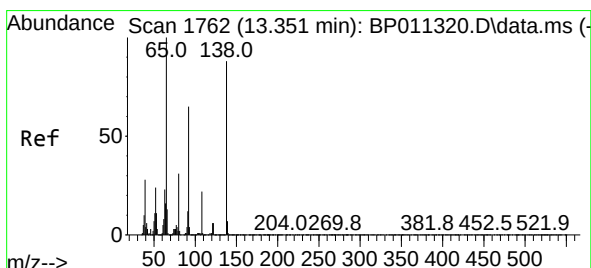
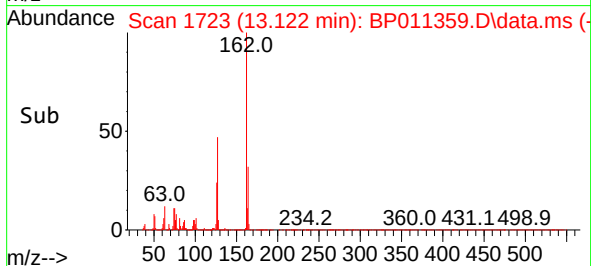
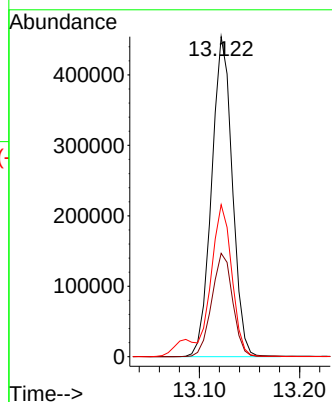
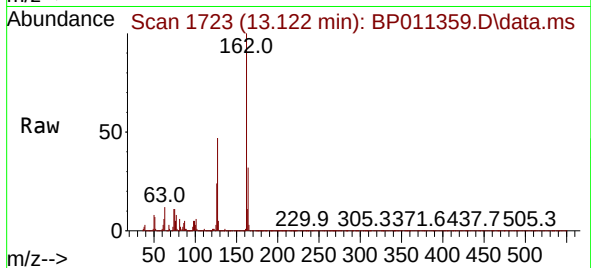
Tgt Ion:162 Resp: 653158

Ion Ratio Lower Upper

162 100

164 32.3 25.6 38.4

127 47.5 34.6 51.8



#45

2-Nitroaniline

Concen: 48.988 ng/ul

RT: 13.345 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

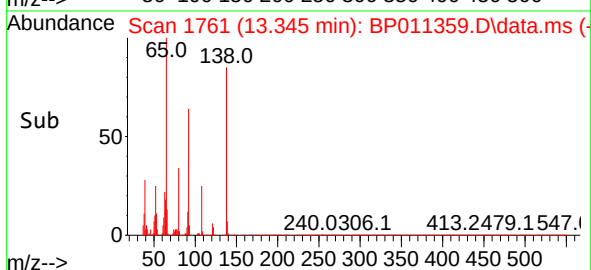
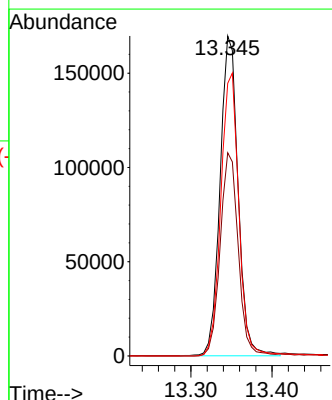
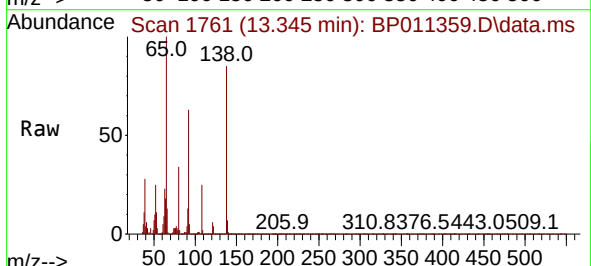
Tgt Ion: 65 Resp: 262399

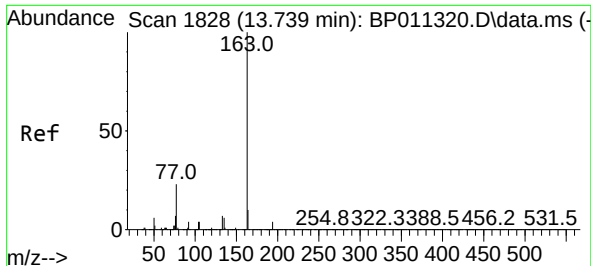
Ion Ratio Lower Upper

65 100

92 63.5 51.4 77.2

138 85.2 67.4 101.0

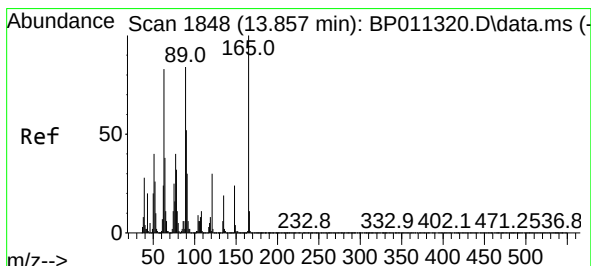
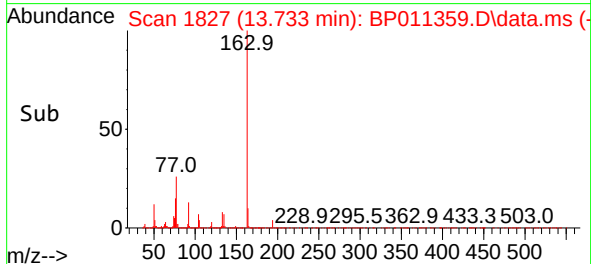
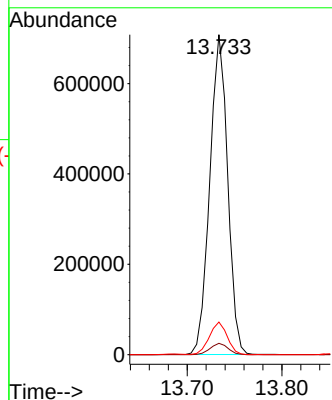
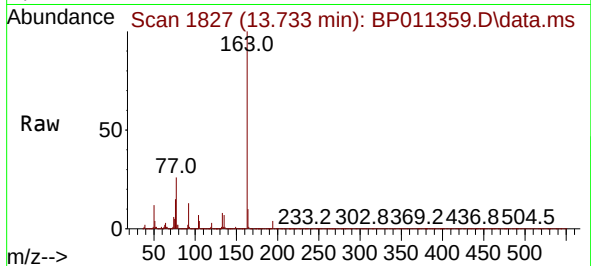




#47
Dimethylphthalate
Concen: 36.907 ng/ul
RT: 13.733 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

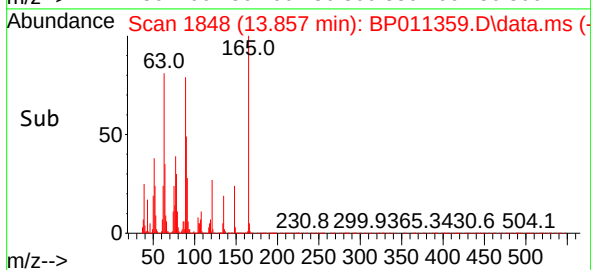
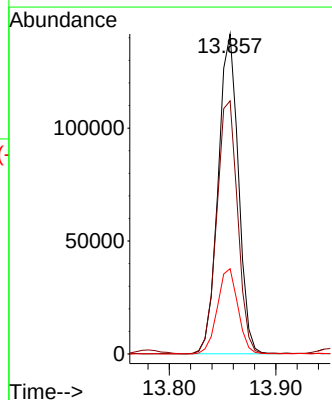
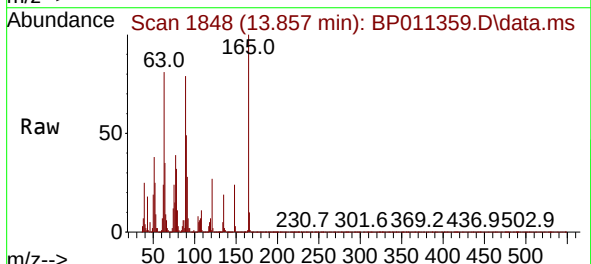
Instrument :
BNA_P
ClientSampleId :

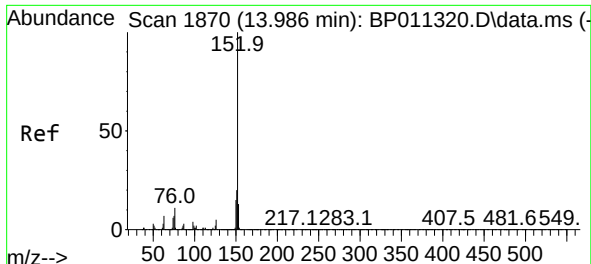
Tgt Ion:163 Resp: 928445
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 47.345 ng/ul
RT: 13.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:165 Resp: 186227
Ion Ratio Lower Upper
165 100
89 79.1 65.8 98.6
121 26.7 24.2 36.2

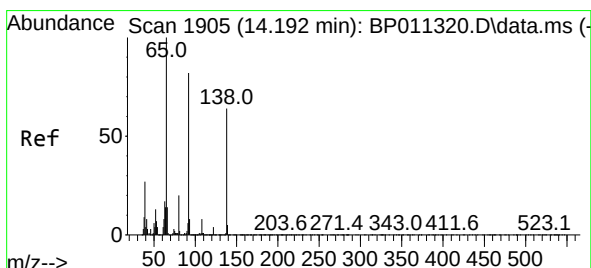
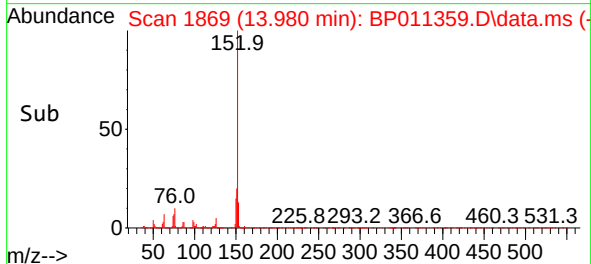
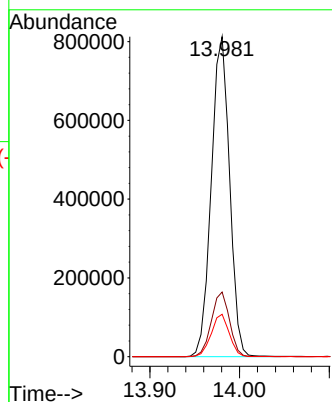
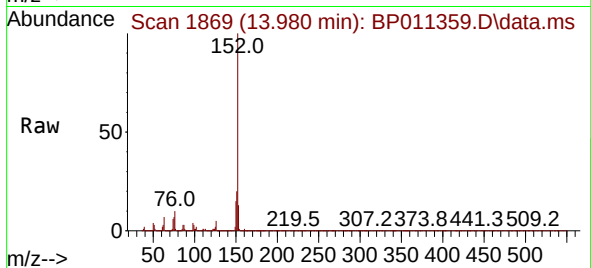




#50
Acenaphthylene
Concen: 33.368 ng/ul
RT: 13.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

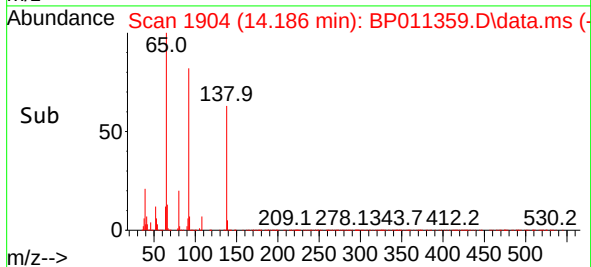
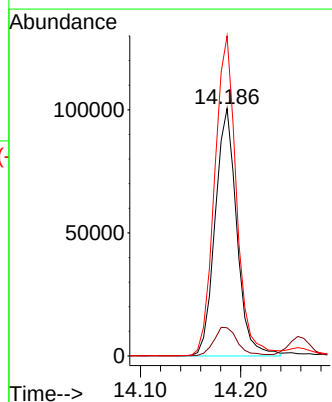
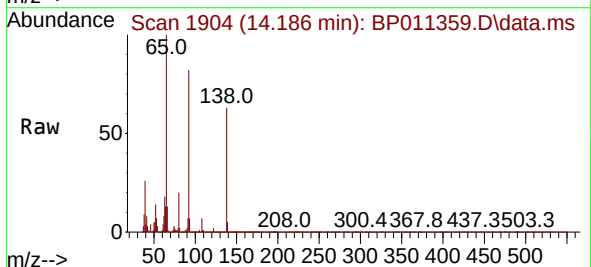
Instrument :
BNA_P
ClientSampleId :

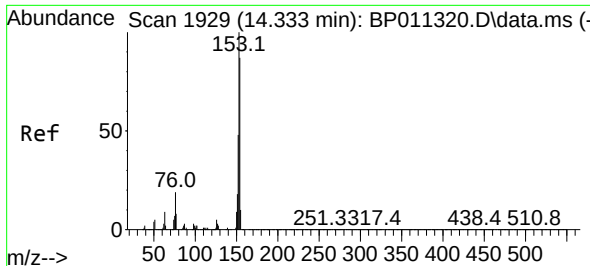
Tgt Ion:152 Resp: 1150006
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 34.834 ng/ul
RT: 14.186 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:138 Resp: 150722
Ion Ratio Lower Upper
138 100
108 11.4 9.9 14.9
92 129.3 106.8 160.2

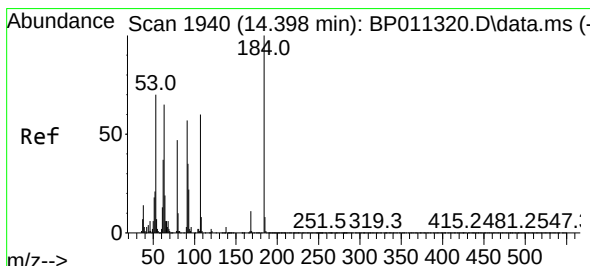
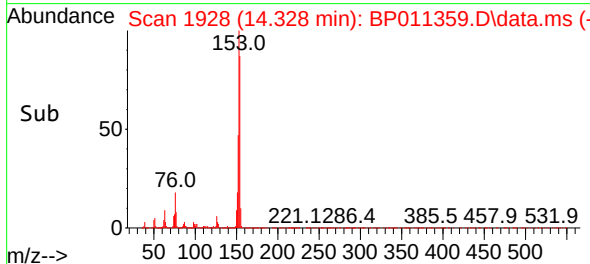
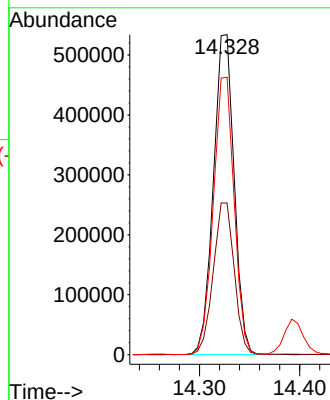
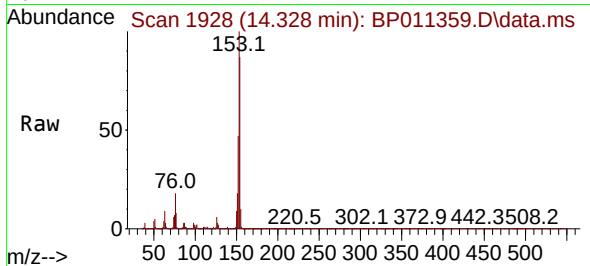




#52
Acenaphthene
Concen: 33.425 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

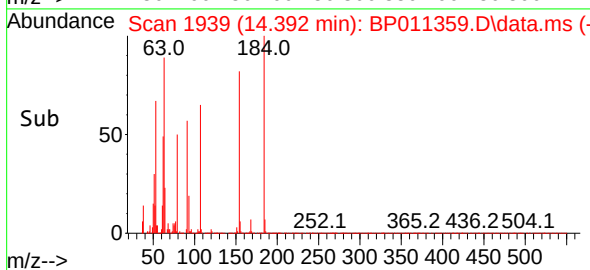
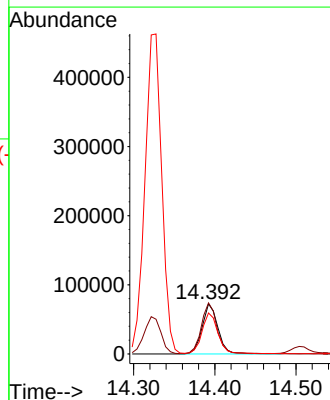
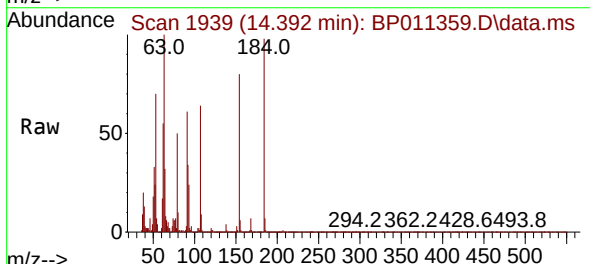
Instrument :
BNA_P
ClientSampleId :

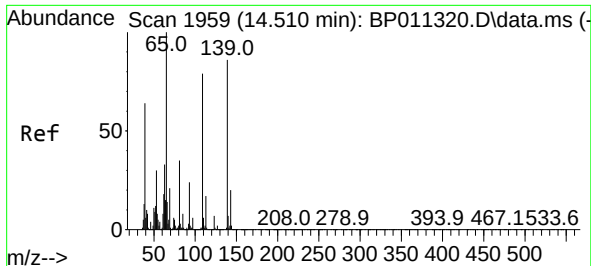
Tgt Ion:153 Resp: 768301
Ion Ratio Lower Upper
153 100
152 47.4 39.5 59.3
154 86.7 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 41.895 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:184 Resp: 97773
Ion Ratio Lower Upper
184 100
63 102.2 75.0 112.6
154 82.1 53.1 79.7#

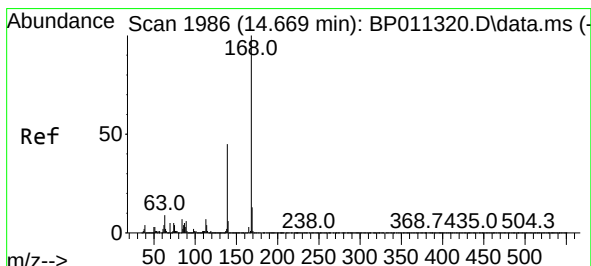
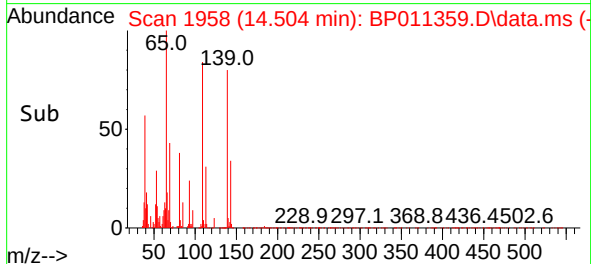
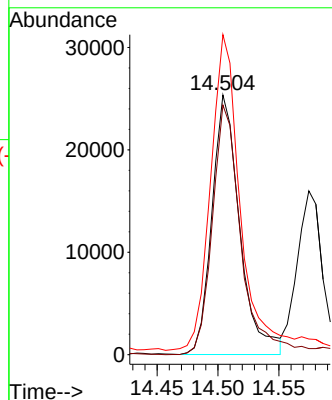
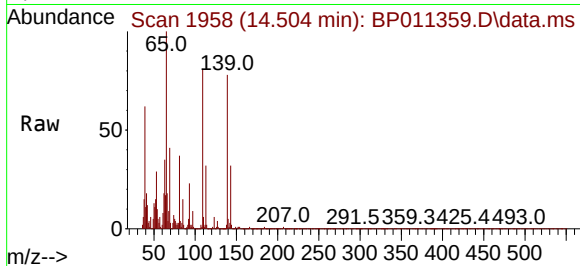




#55
4-Nitrophenol
Concen: 9.580 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

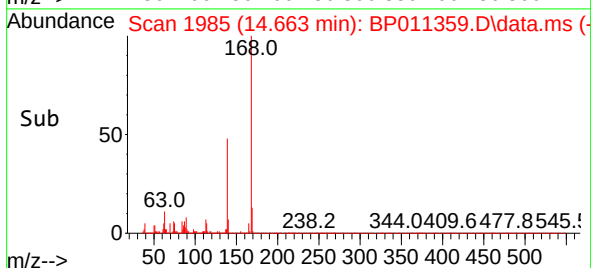
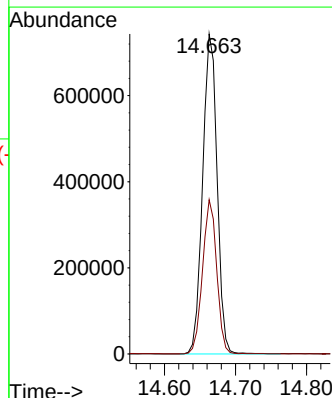
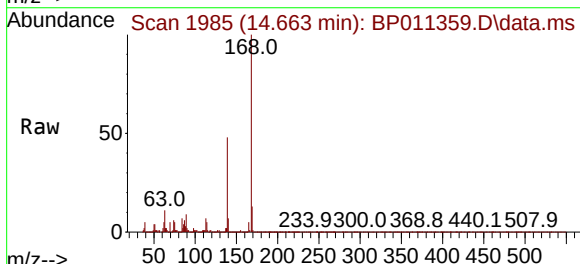
Instrument :
BNA_P
ClientSampleId :

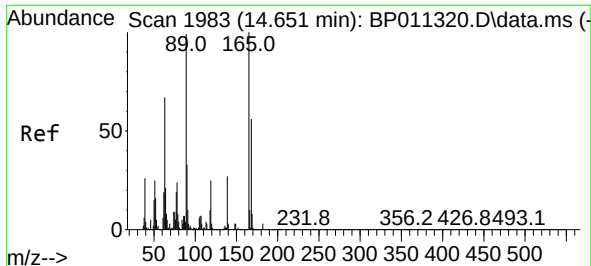
Tgt Ion:109 Resp: 40317
Ion Ratio Lower Upper
109 100
139 96.2 100.6 150.8#
65 123.3 122.6 184.0



#56
Dibenzofuran
Concen: 33.816 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:168 Resp: 1053759
Ion Ratio Lower Upper
168 100
139 48.2 34.2 51.2

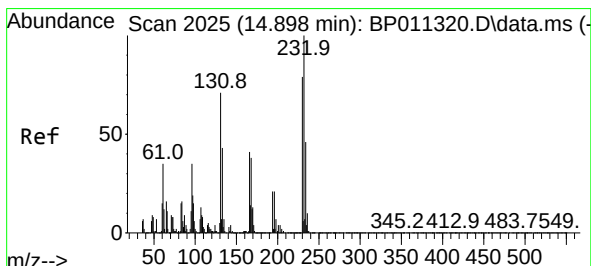
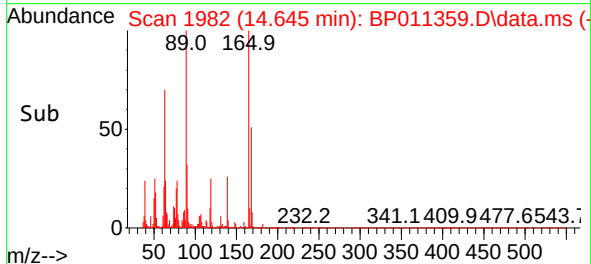
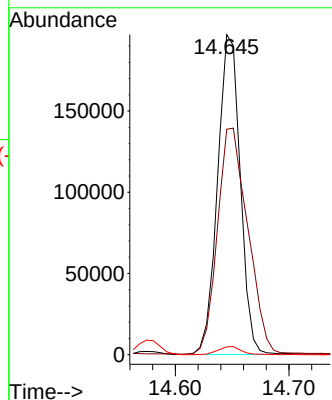
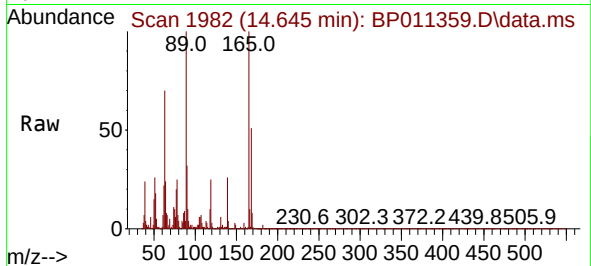




#57
2,4-Dinitrotoluene
Concen: 45.337 ng/ul
RT: 14.645 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

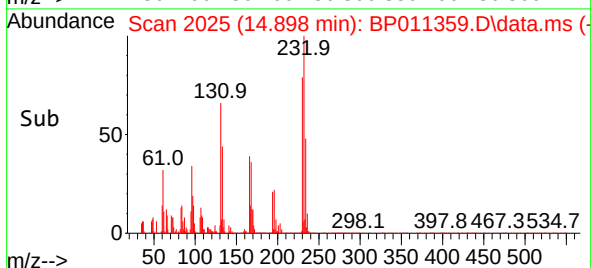
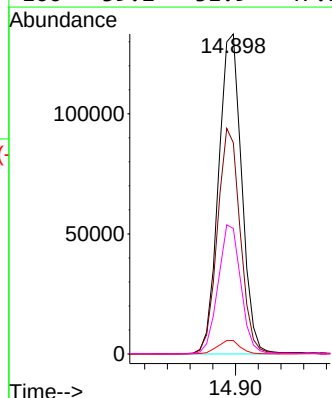
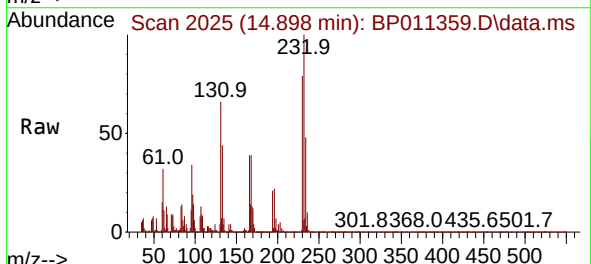
Instrument :
BNA_P
ClientSampleId :

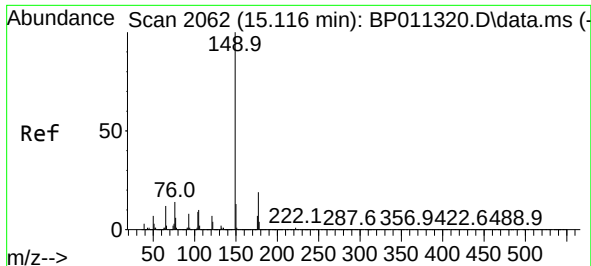
Tgt Ion:165 Resp: 273336
Ion Ratio Lower Upper
165 100
63 70.5 50.6 75.8
182 2.5 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.827 ng/ul
RT: 14.898 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:232 Resp: 188554
Ion Ratio Lower Upper
232 100
131 66.0 50.4 75.6
130 4.2 2.6 3.8#
166 39.2 31.9 47.9

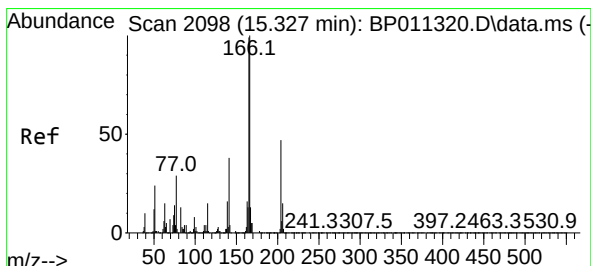
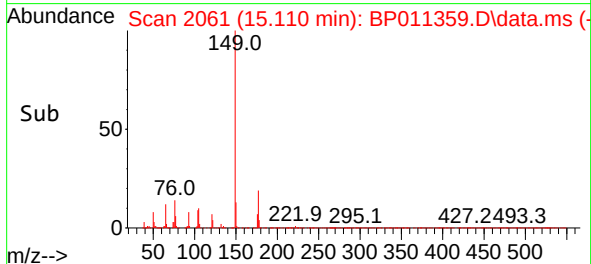
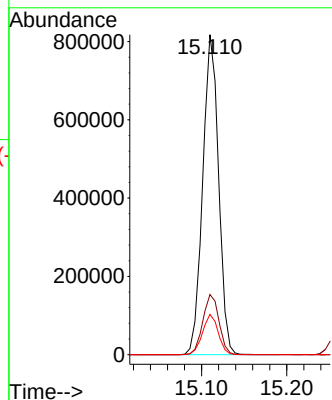
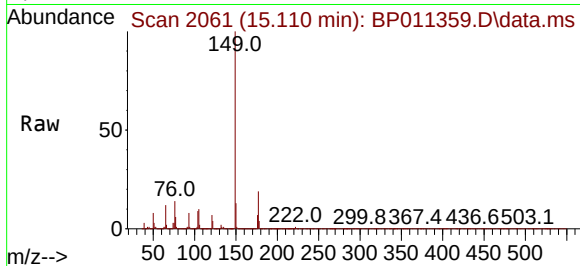




#59
Diethylphthalate
Concen: 40.485 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

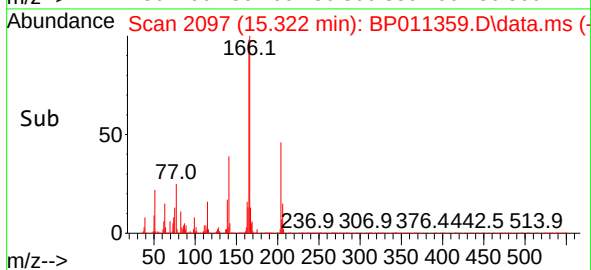
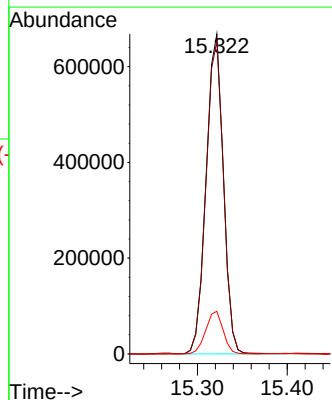
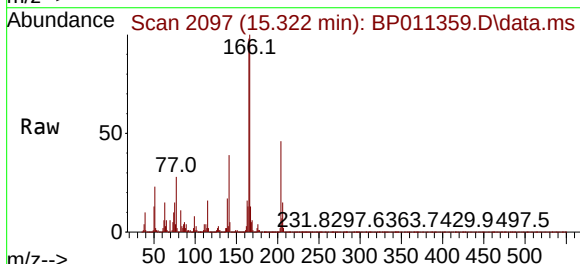
Instrument :
BNA_P
ClientSampleId :

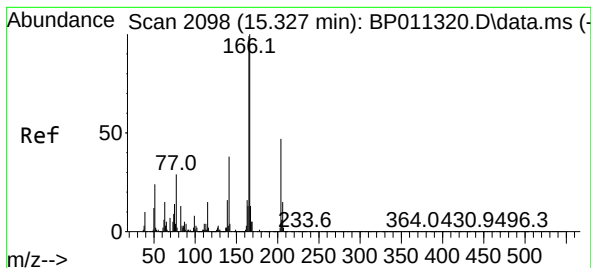
Tgt Ion:149 Resp: 1055091
Ion Ratio Lower Upper
149 100
177 18.8 16.1 24.1
150 12.6 9.4 14.0



#61
Fluorene
Concen: 35.300 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:166 Resp: 893336
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.3 11.0 16.4

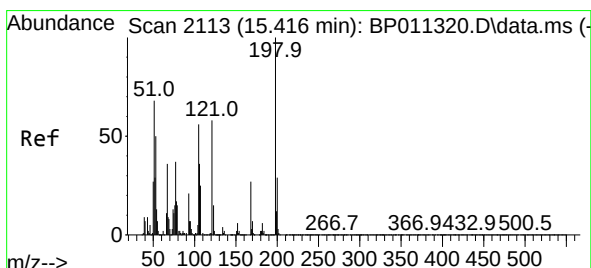
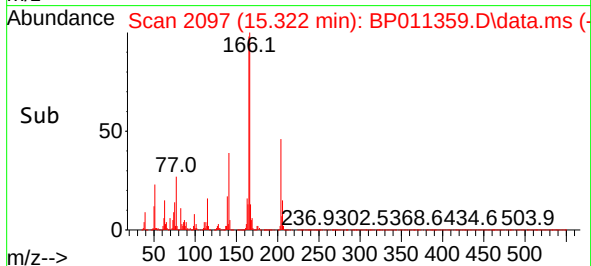
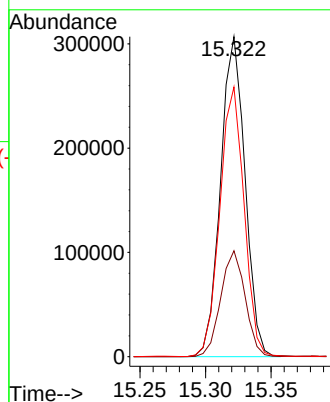
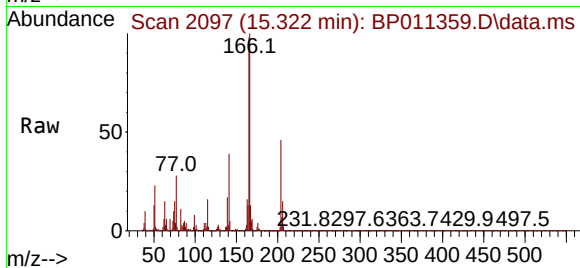




#62
4-Chlorophenyl-phenylether
Concen: 35.974 ng/ul
RT: 15.322 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

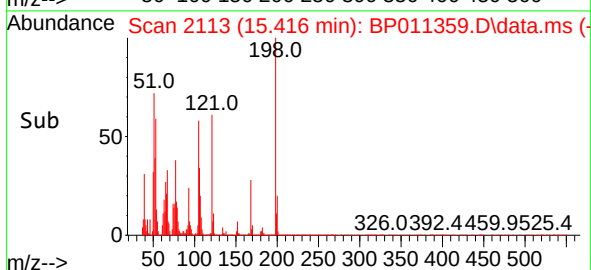
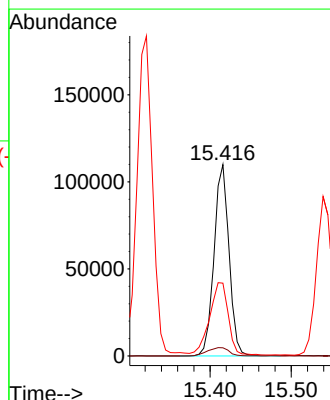
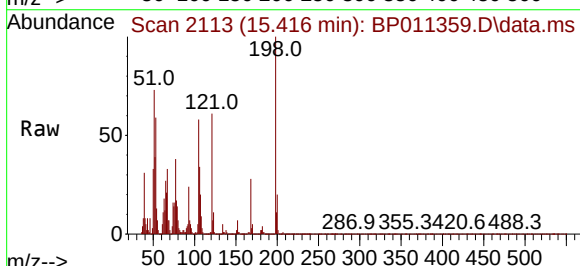
Instrument :
BNA_P
ClientSampleId :

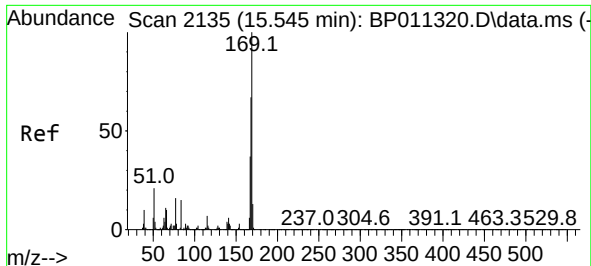
Tgt Ion:204 Resp: 397949
Ion Ratio Lower Upper
204 100
206 33.1 27.3 40.9
141 84.2 57.7 86.5



#66
4,6-Dinitro-2-methylphenol
Concen: 40.942 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:198 Resp: 141121
Ion Ratio Lower Upper
198 100
182 4.3 7.4 11.0#
77 38.1 28.6 42.8

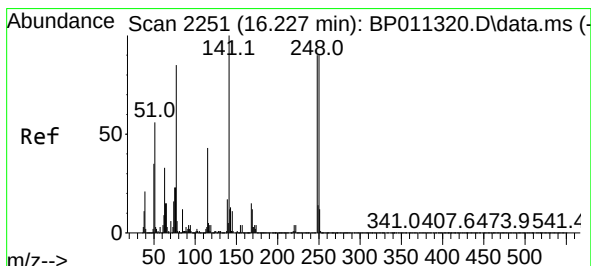
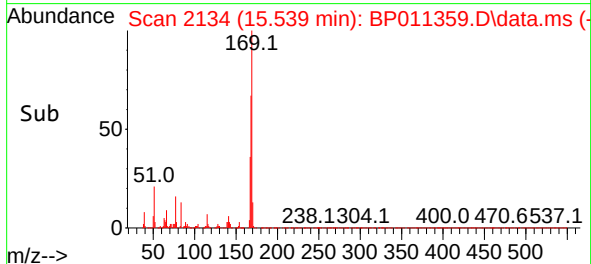
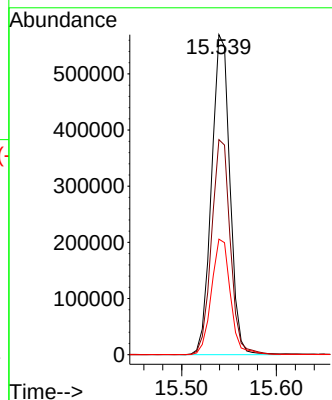
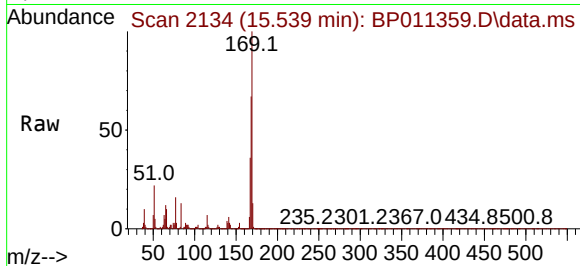




#67
N-Nitrosodiphenylamine
Concen: 36.105 ng/ul
RT: 15.539 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

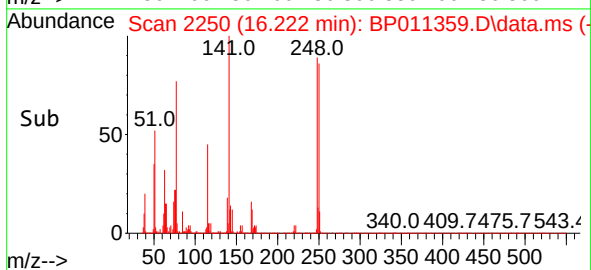
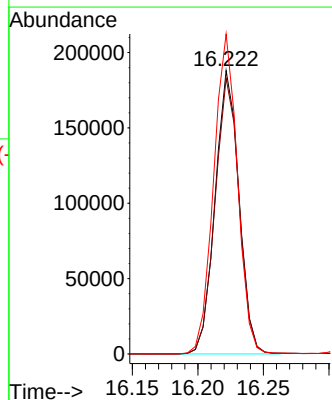
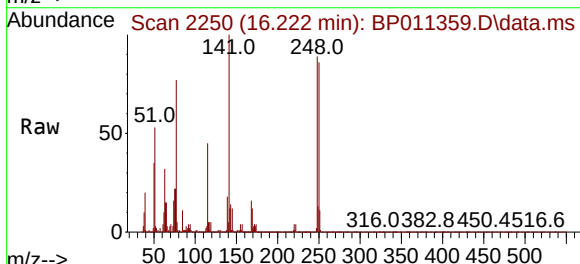
Instrument :
BNA_P
ClientSampleId :

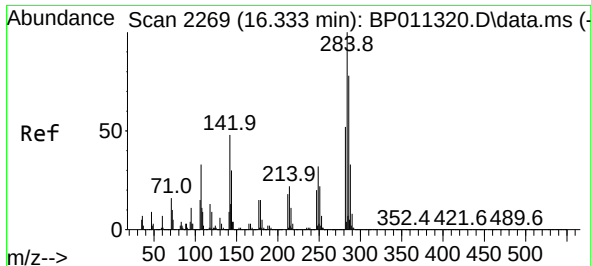
Tgt Ion:169 Resp: 766738
Ion Ratio Lower Upper
169 100
168 67.2 53.6 80.4
167 36.1 30.0 45.0



#68
4-Bromophenyl-phenylether
Concen: 37.315 ng/ul
RT: 16.222 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:248 Resp: 237967
Ion Ratio Lower Upper
248 100
250 97.3 77.3 115.9
141 112.9 76.4 114.6

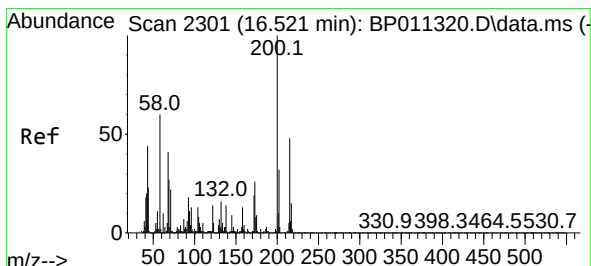
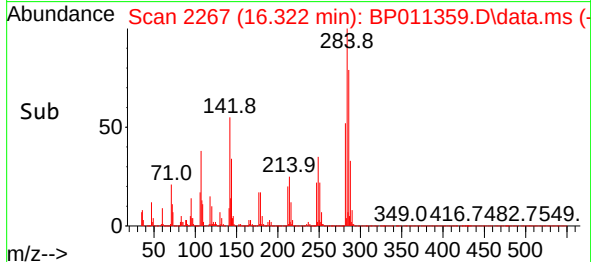
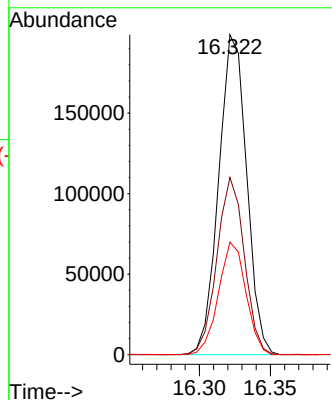
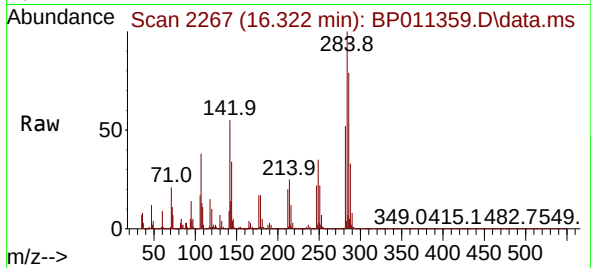




#69
Hexachlorobenzene
Concen: 36.547 ng/ul
RT: 16.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

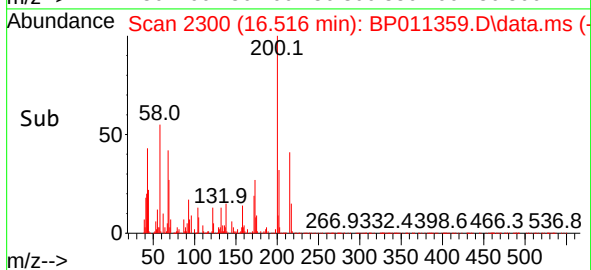
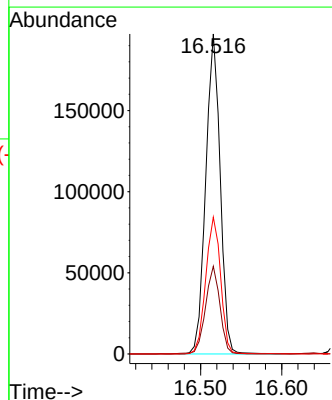
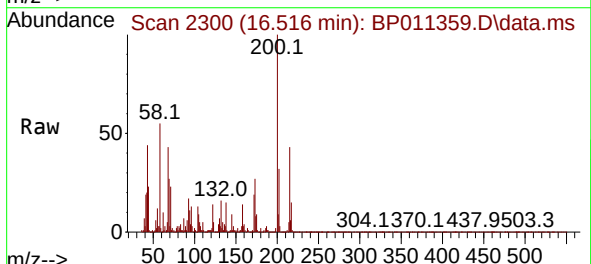
Instrument :
BNA_P
ClientSampleId :

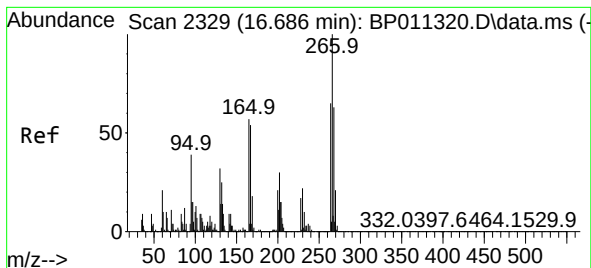
Tgt Ion:284 Resp: 272289
Ion Ratio Lower Upper
284 100
142 55.4 39.5 59.3
249 35.1 25.1 37.7



#70
Atrazine
Concen: 34.283 ng/ul
RT: 16.516 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:200 Resp: 242673
Ion Ratio Lower Upper
200 100
173 27.4 22.6 34.0
215 42.7 36.5 54.7





#71

Pentachlorophenol

Concen: 38.320 ng/ul

RT: 16.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

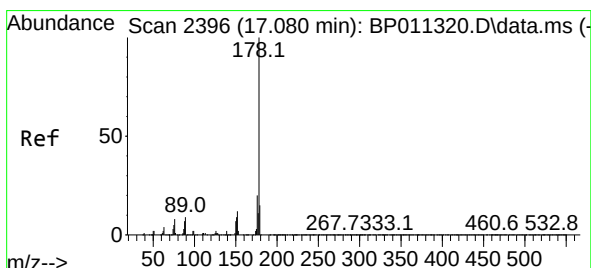
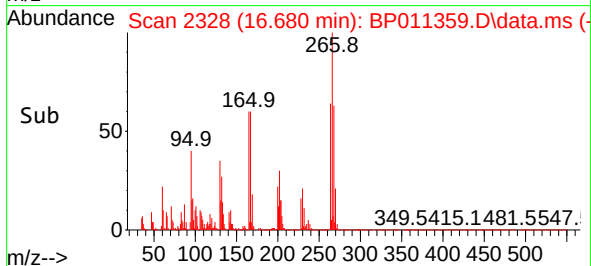
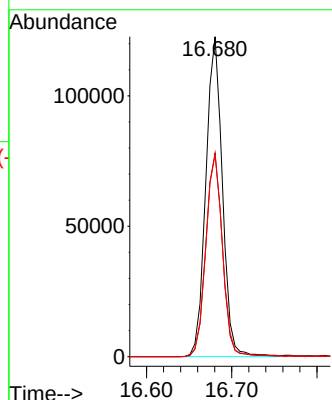
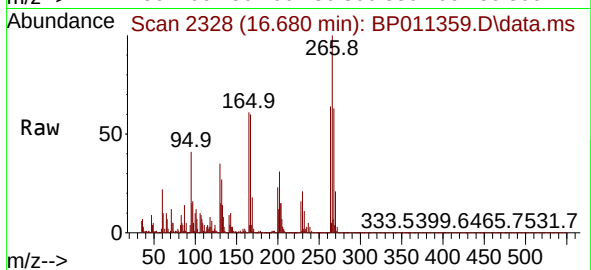
Tgt Ion:266 Resp: 165740

Ion Ratio Lower Upper

266 100

264 63.6 52.2 78.2

268 63.2 50.6 75.8



#72

Phenanthrene

Concen: 35.329 ng/ul

RT: 17.074 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

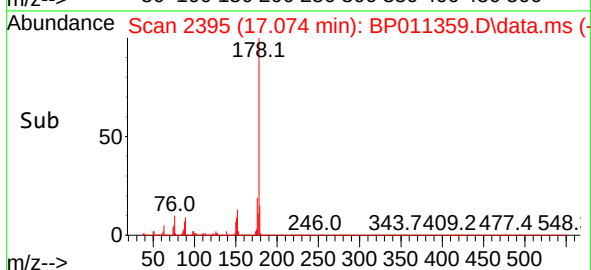
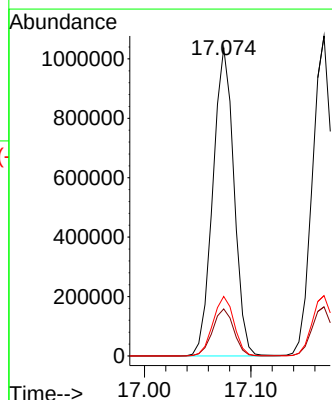
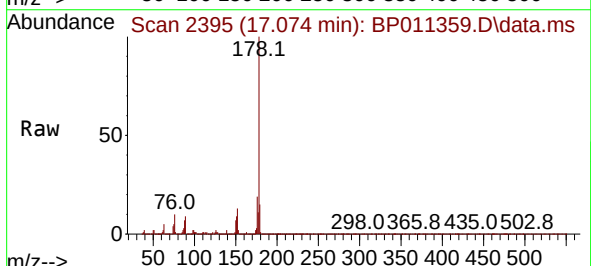
Tgt Ion:178 Resp: 1427648

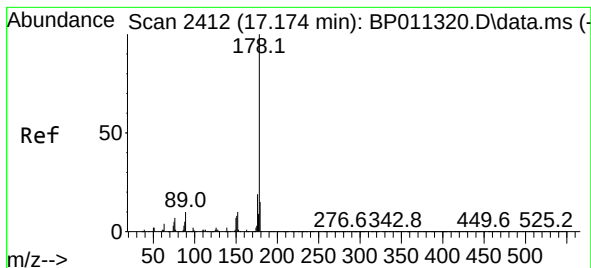
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.3 15.4 23.2





#74

Anthracene

Concen: 35.364 ng/uI

RT: 17.169 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

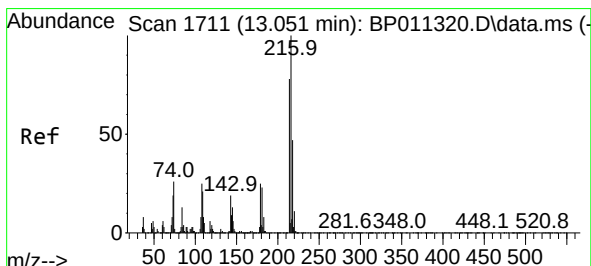
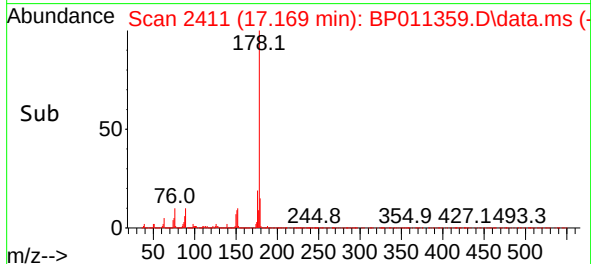
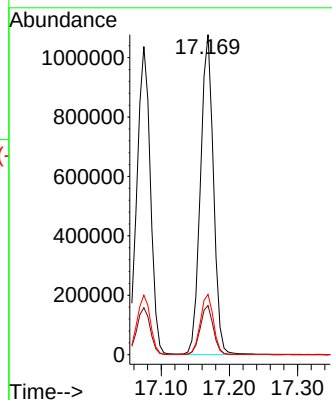
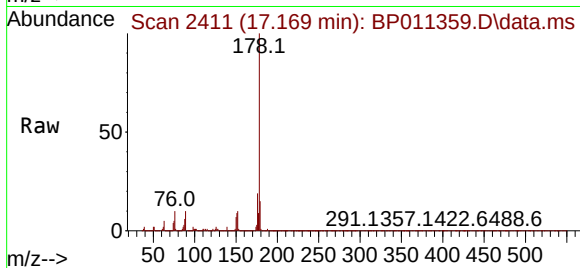
Tgt Ion:178 Resp: 1422645

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.9 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.268 ng/uI

RT: 13.039 min Scan# 1709

Delta R.T. -0.012 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

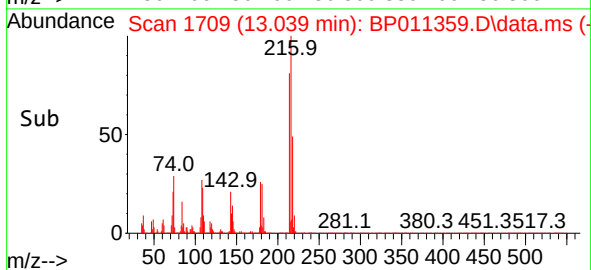
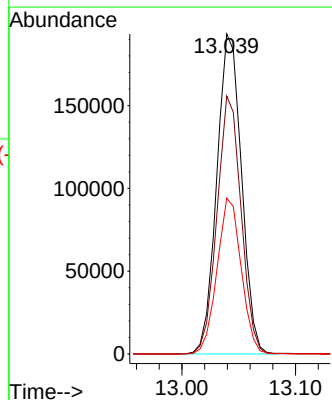
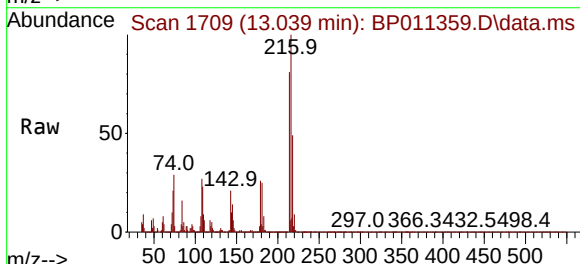
Tgt Ion:216 Resp: 292465

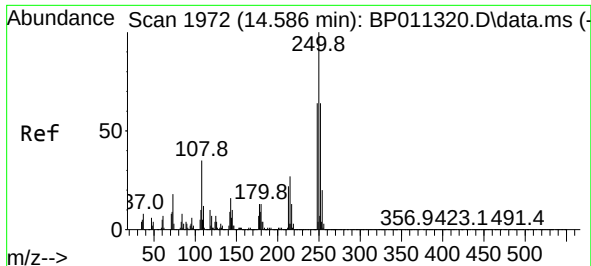
Ion Ratio Lower Upper

216 100

214 80.6 62.0 93.0

218 48.7 38.2 57.4

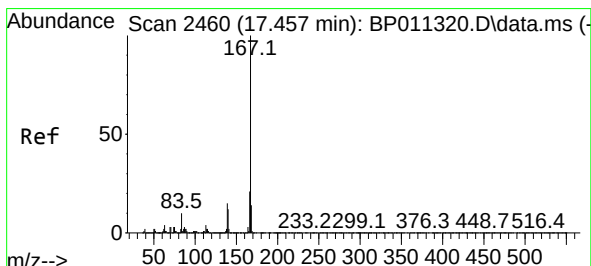
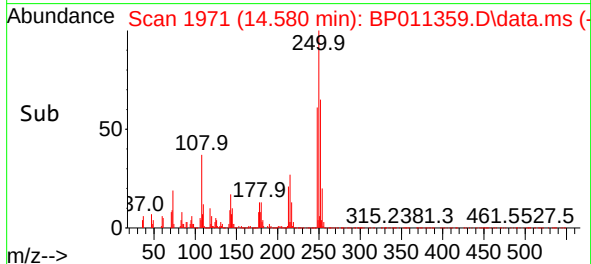
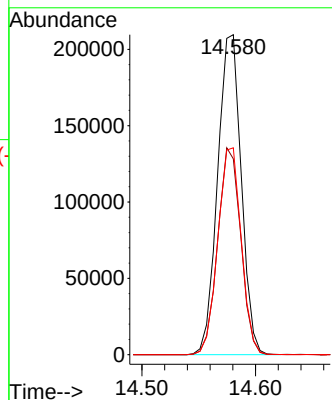
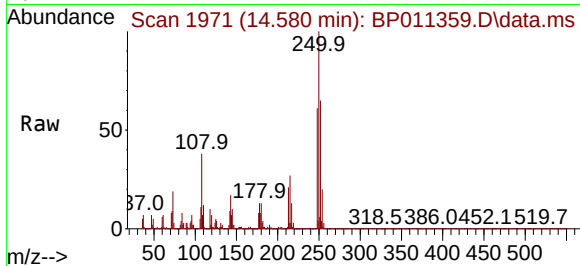




#76
 Pentachlorobenzene
 Concen: 33.641 ng/uL
 RT: 14.580 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: BP011359.D
 Acq: 10 Aug 2022 08:51

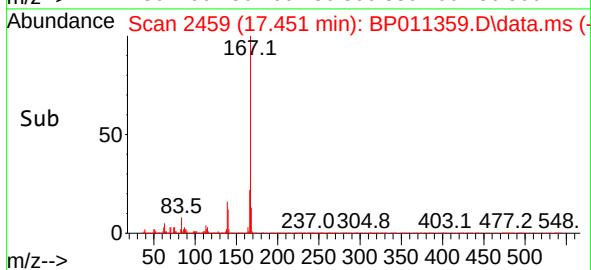
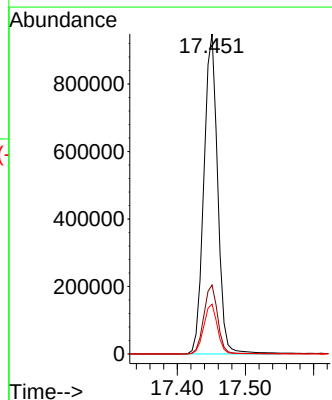
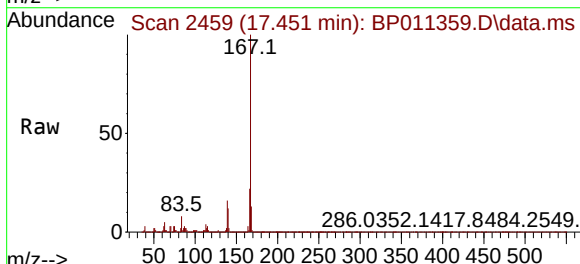
Instrument :
 BNA_P
 ClientSampleId :

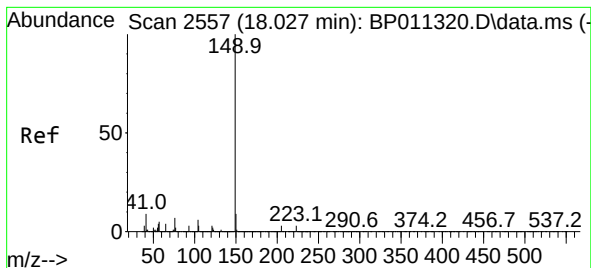
Tgt Ion:250 Resp: 303116
 Ion Ratio Lower Upper
 250 100
 248 61.2 49.2 73.8
 252 64.7 50.8 76.2



#77
 Carbazole
 Concen: 35.568 ng/uL
 RT: 17.451 min Scan# 2459
 Delta R.T. -0.000 min
 Lab File: BP011359.D
 Acq: 10 Aug 2022 08:51

Tgt Ion:167 Resp: 1337064
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 15.6 11.5 17.3





#78

Di-n-butylphthalate

Concen: 44.814 ng/ul

RT: 18.021 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

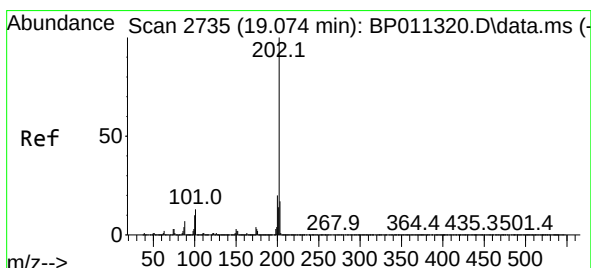
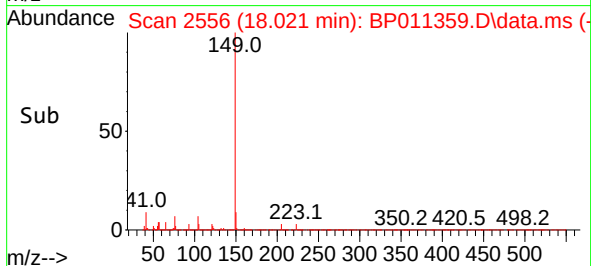
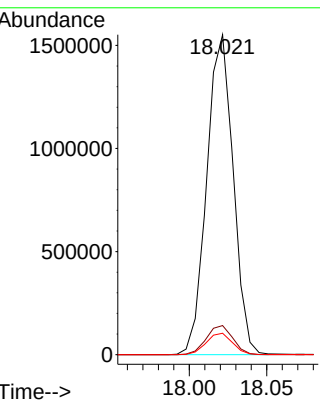
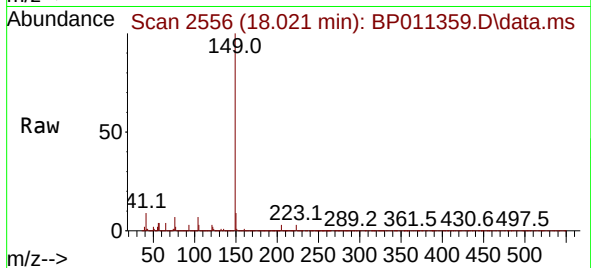
Tgt Ion:149 Resp: 1842098

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 6.7 5.1 7.7



#80

Fluoranthene

Concen: 36.676 ng/ul

RT: 19.068 min Scan# 2734

Delta R.T. -0.000 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

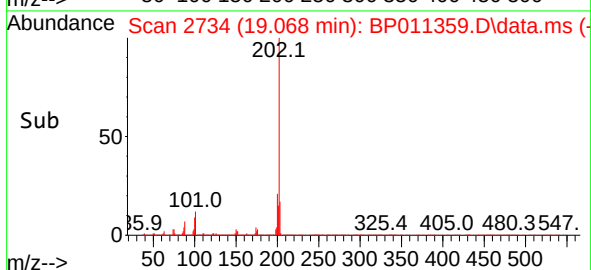
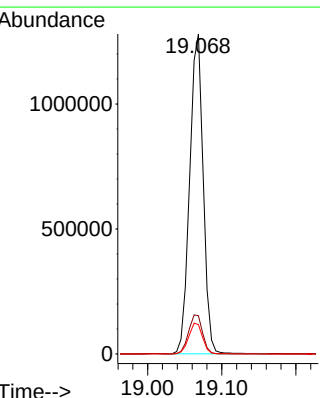
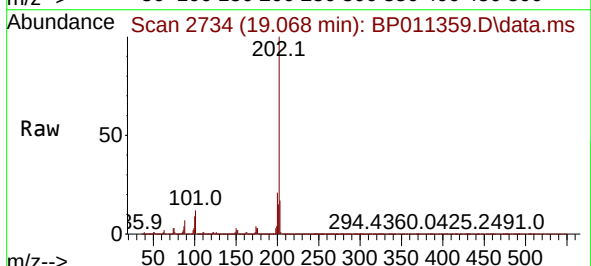
Tgt Ion:202 Resp: 1624201

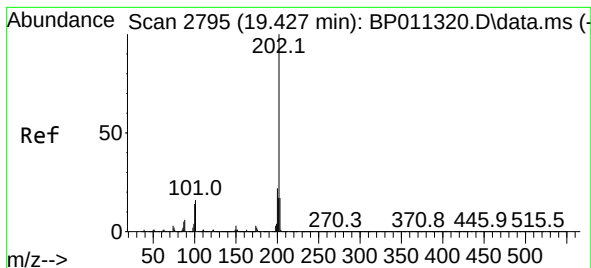
Ion Ratio Lower Upper

202 100

101 11.9 11.9 17.9

100 9.1 9.3 13.9#





#82

Pyrene

Concen: 35.602 ng/ul

RT: 19.421 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

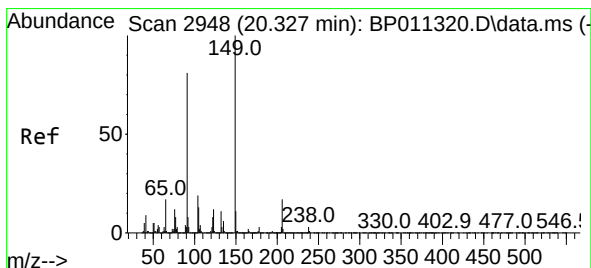
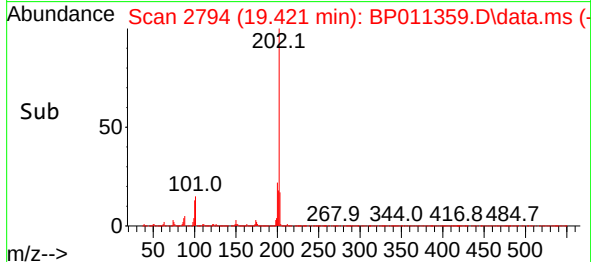
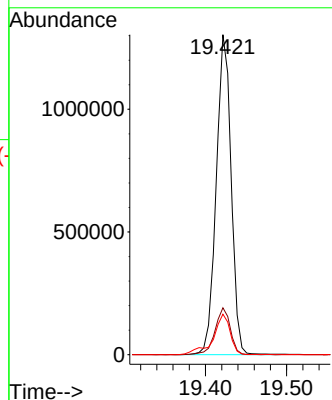
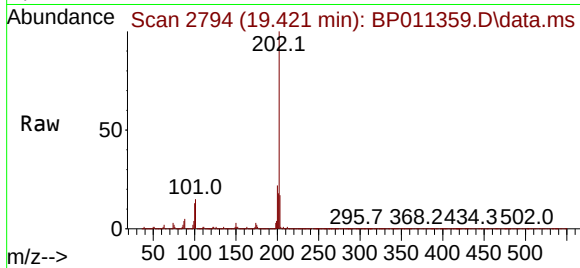
Tgt Ion:202 Resp: 1664132

Ion Ratio Lower Upper

202 100

101 14.6 14.3 21.5

100 12.7 11.8 17.6



#83

Butylbenzylphthalate

Concen: 55.405 ng/ul

RT: 20.321 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

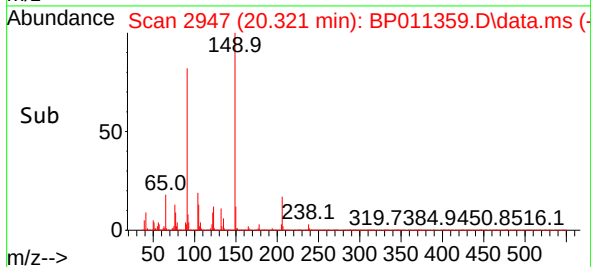
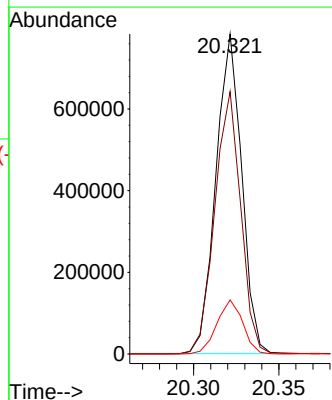
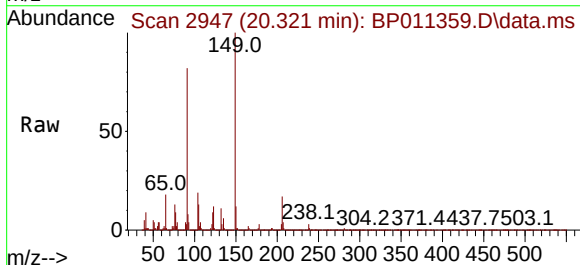
Tgt Ion:149 Resp: 825289

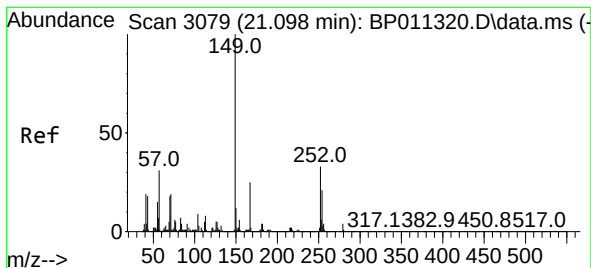
Ion Ratio Lower Upper

149 100

91 82.0 64.2 96.4

206 16.9 14.0 21.0





#84

3,3'-Dichlorobenzidine

Concen: 10.656 ng/ul

RT: 21.086 min Scan# 3079

Delta R.T. -0.012 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

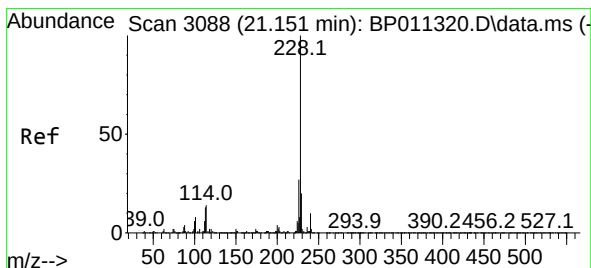
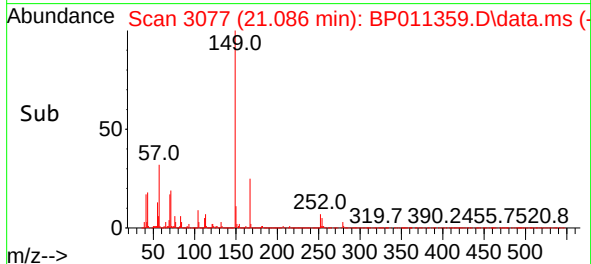
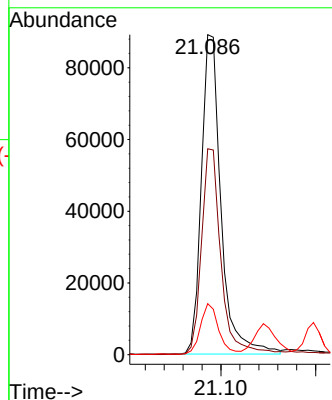
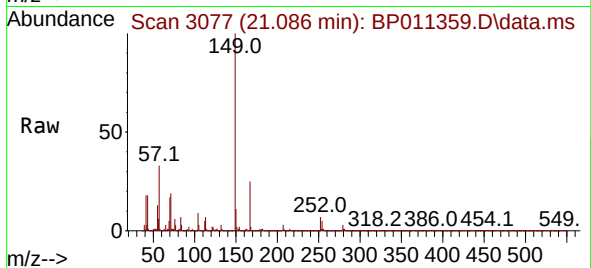
Tgt Ion:252 Resp: 128067

Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 15.9 11.4 17.0



#85

Benzo(a)anthracene

Concen: 36.312 ng/ul

RT: 21.145 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

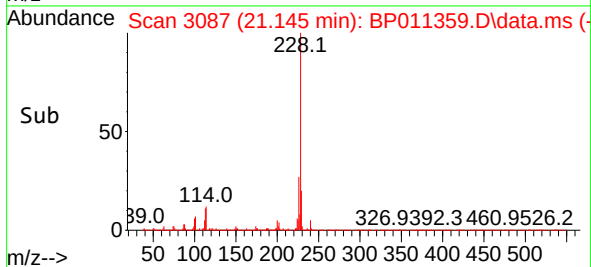
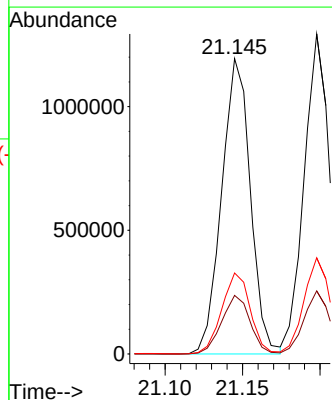
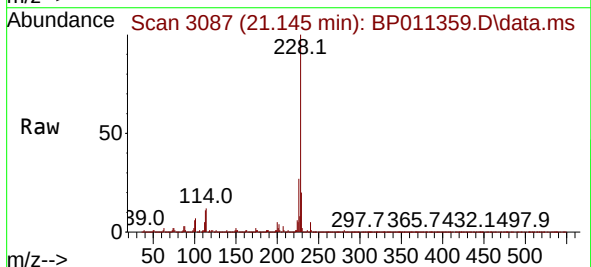
Tgt Ion:228 Resp: 1538460

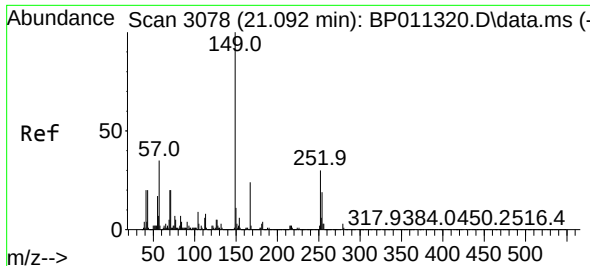
Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 27.4 21.8 32.6

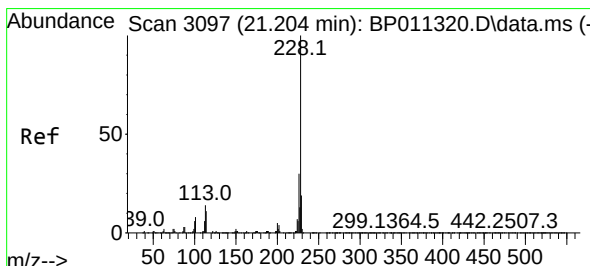
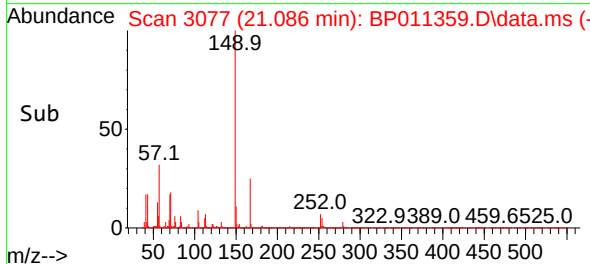
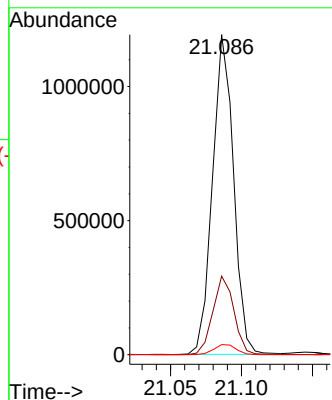
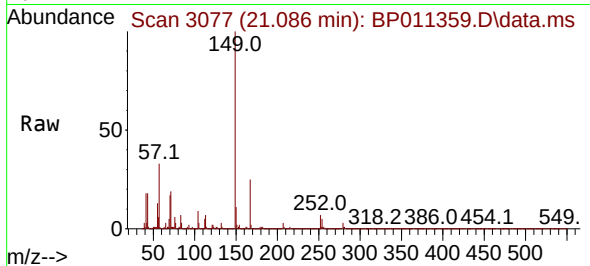




#86
Bis(2-ethylhexyl)phthalate
Concen: 51.427 ng/ul
RT: 21.086 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

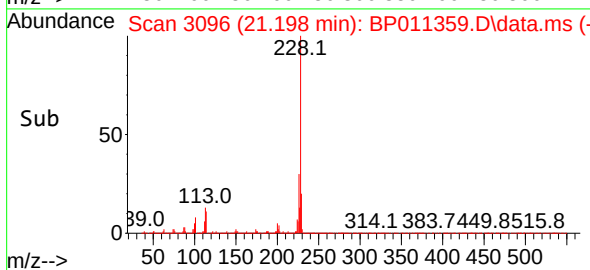
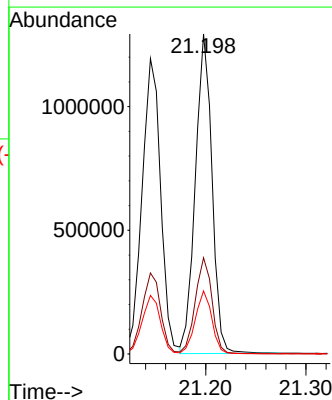
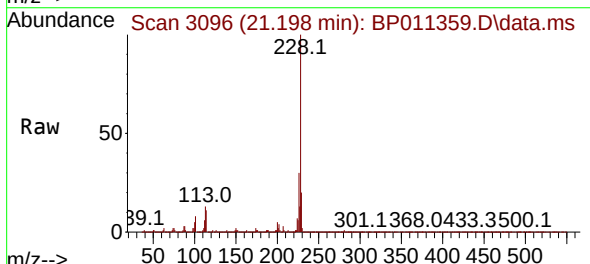
Instrument :
BNA_P
ClientSampleId :

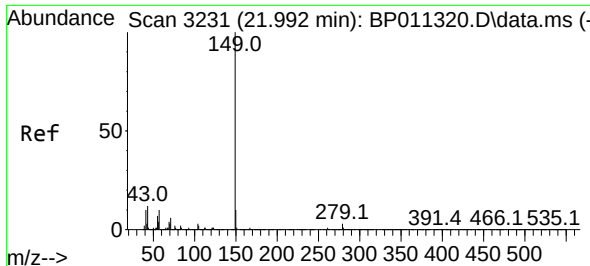
Tgt Ion:149 Resp: 1229726
Ion Ratio Lower Upper
149 100
167 24.6 20.4 30.6
279 3.1 2.9 4.3



#87
Chrysene
Concen: 35.594 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:228 Resp: 1492870
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.7 15.7 23.5

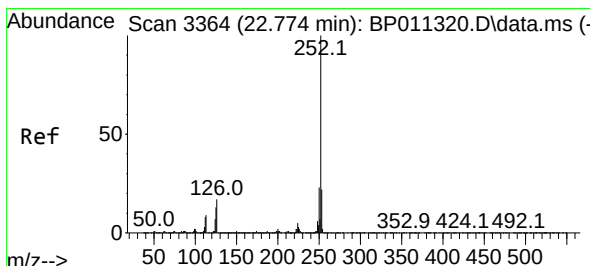
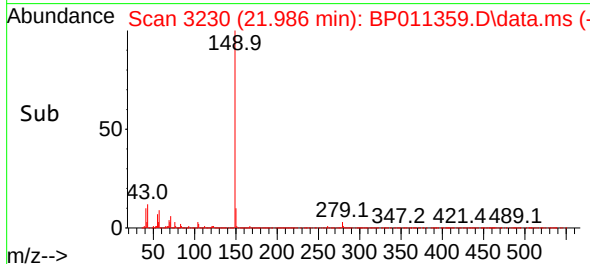
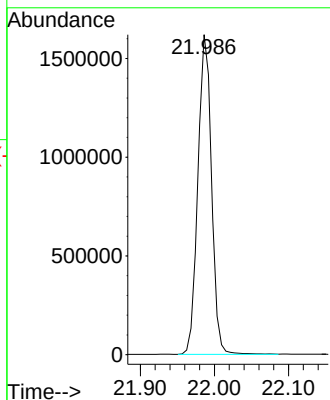
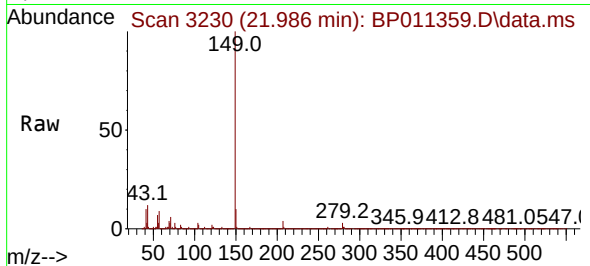




#89
Di-n-octyl phthalate
Concen: 45.872 ng/ul
RT: 21.986 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

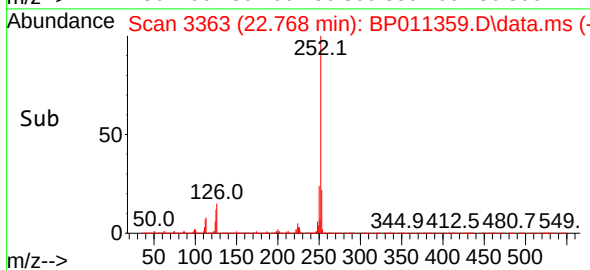
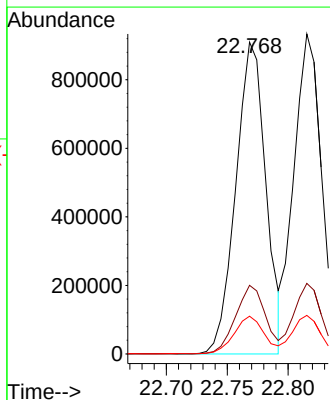
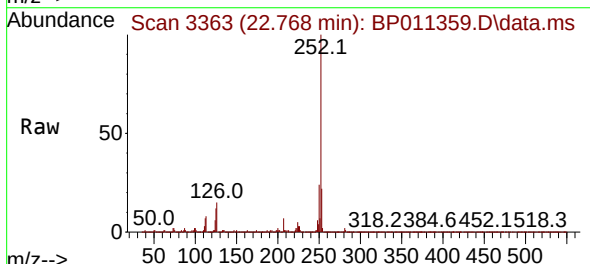
Instrument :
BNA_P
ClientSampleId :

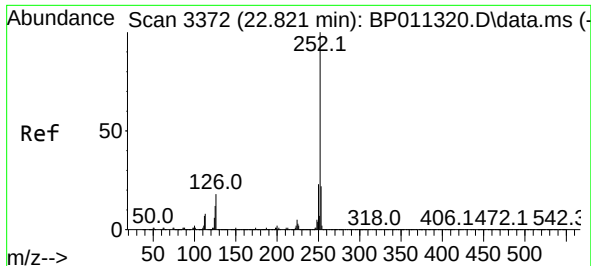
Tgt Ion:149 Resp: 2065678



#90
Benzo(b)fluoranthene
Concen: 36.520 ng/ul
RT: 22.768 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

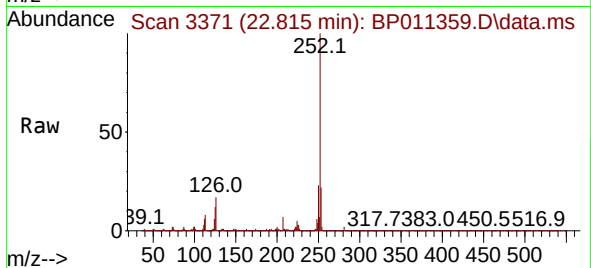
Tgt Ion:252 Resp: 1559996
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 12.1 10.8 16.2



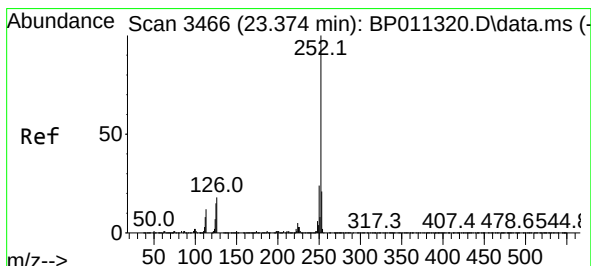
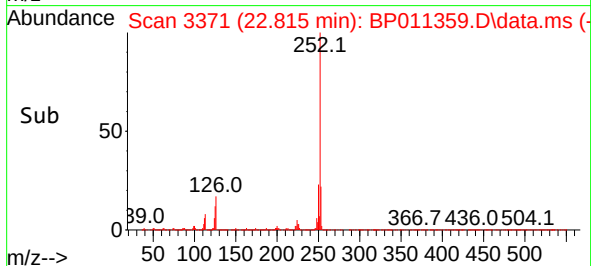
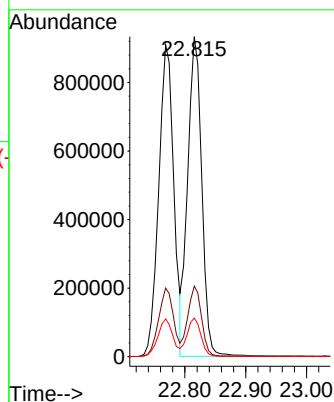


#91
Benzo(k)fluoranthene
Concen: 35.762 ng/ul
RT: 22.815 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Instrument :
BNA_P
ClientSampleId :

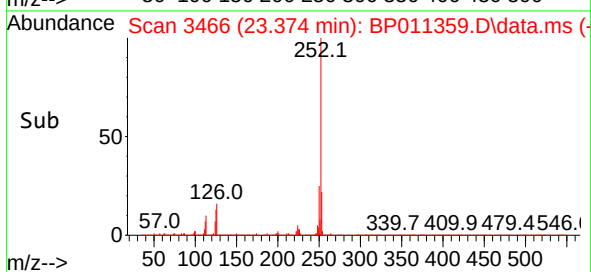
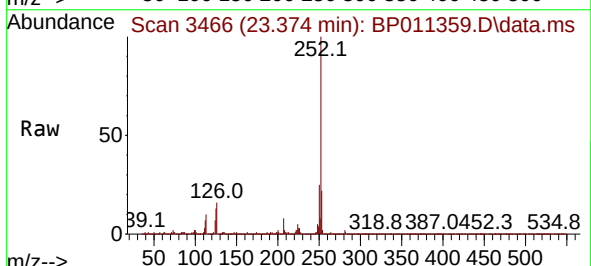
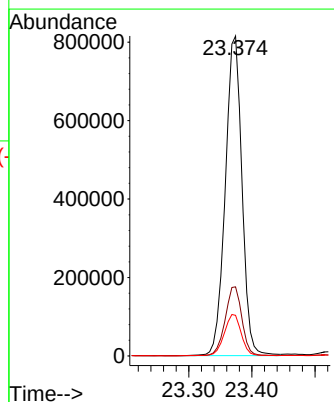


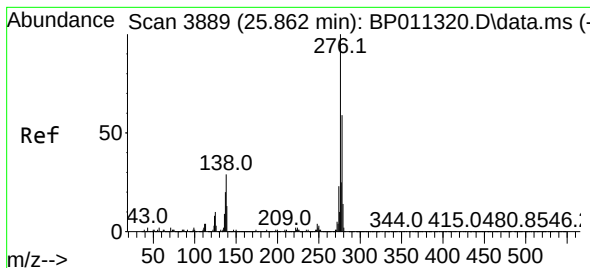
Tgt Ion:252 Resp: 1494639
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.1 11.0 16.6



#93
Benzo(a)pyrene
Concen: 36.287 ng/ul
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP011359.D
Acq: 10 Aug 2022 08:51

Tgt Ion:252 Resp: 1494992
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 12.7 12.5 18.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 37.003 ng/ul

RT: 25.856 min Scan# 3889

Delta R.T. -0.000 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :

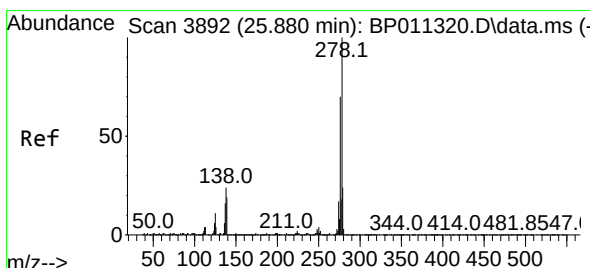
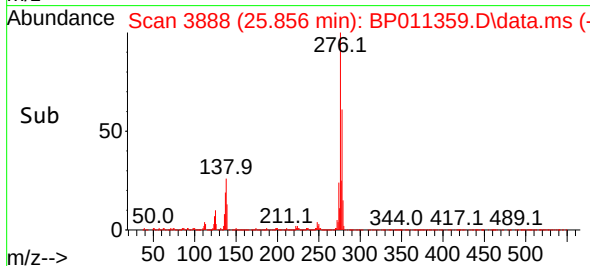
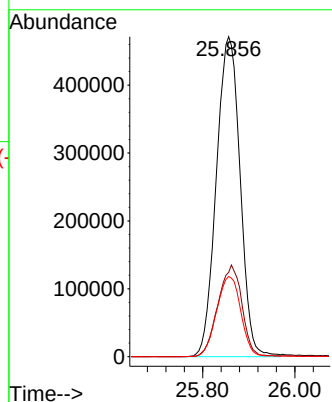
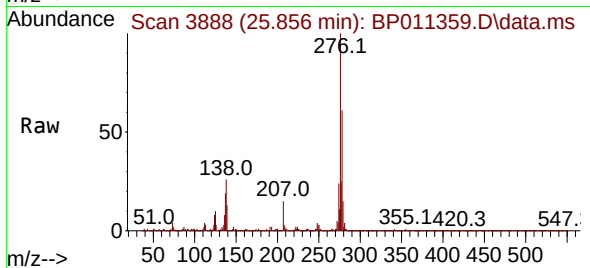
Tgt Ion:276 Resp: 1685299

Ion Ratio Lower Upper

276 100

138 26.3 25.5 38.3

277 25.1 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 37.485 ng/ul

RT: 25.874 min Scan# 3891

Delta R.T. -0.012 min

Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

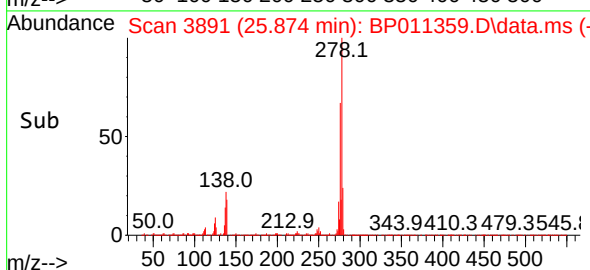
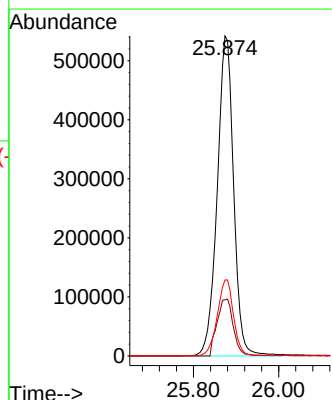
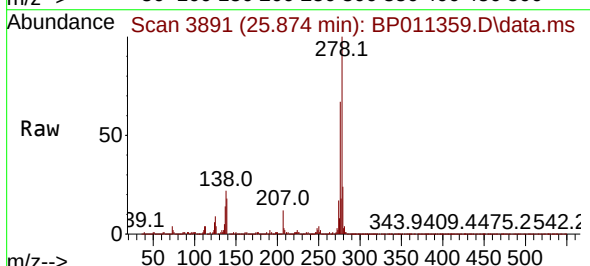
Tgt Ion:278 Resp: 1451998

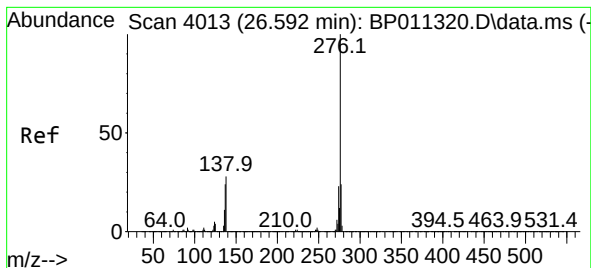
Ion Ratio Lower Upper

278 100

139 17.5 18.5 27.7#

279 23.8 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 37.028 ng/ul

RT: 26.586 min Scan# 4012

Delta R.T. -0.006 min

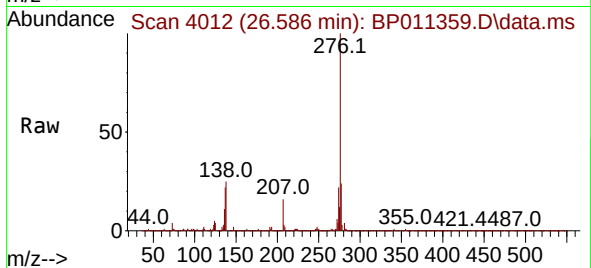
Lab File: BP011359.D

Acq: 10 Aug 2022 08:51

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 1423061

Ion Ratio Lower Upper

276 100

138 25.0 22.8 34.2

277 24.1 18.5 27.7

