

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011365.D
 Acq On : 10 Aug 2022 12:18
 Operator : CG/JU
 Sample : PB146820BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 10 23:57:16 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	118907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	511189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	303029	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	595789	20.000	ng/u1	0.00
79) Chrysene-d12	21.162	240	553827	20.000	ng/u1	0.00
88) Perylene-d12	23.468	264	547273	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	6288	1.621	ng/uL	0.00
4) Pyridine-d5	3.499	84	142053	14.519	ng/u1	0.00
7) Phenol-d5	6.769	99	275681	26.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	128708	17.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	177793	21.534	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	268971	32.553	ng/u1	0.00
21) Nitrobenzene-d5	8.751	128	110654	31.806	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	125502	39.402	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	251216	39.055	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	384123	34.158	ng/u1	0.00
46) Dimethylphthalate-d6	13.686	166	894090	42.524	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1054048	41.646	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	169392	44.110	ng/u1	0.00
60) Fluorene-d10	15.263	176	732639	40.745	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	137711	49.763	ng/u1	0.00
73) Anthracene-d10	17.133	188	1126685	42.073	ng/u1	0.00
81) Pyrene-d10	19.392	212	1269346	41.601	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.327	264	1195261	43.308	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	14947	3.628	ng/uL#	83
5) Pyridine	3.522	79	159241	15.625	ng/u1	88
6) Benzaldehyde	6.740	77	146077	31.853	ng/u1	98
8) Phenol	6.798	94	290358	25.491	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.028	93	168327	18.350	ng/u1	96
12) 2-Chlorophenol	7.151	128	193303	22.468	ng/u1	95
13) 2-Methylphenol	8.040	108	237619	28.966	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	275446	20.020	ng/u1#	95
16) Acetophenone	8.416	105	410333	30.695	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.410	70	239329	36.342	ng/u1	97
18) 4-Methylphenol	8.375	108	278544	31.679	ng/u1	99
19) Hexachloroethane	8.651	117	56981	15.686	ng/u1	99
22) Nitrobenzene	8.792	77	303992	31.213	ng/u1	99
23) Isophorone	9.322	82	702473	39.322	ng/u1	99
25) 2-Nitrophenol	9.498	139	140049	37.727	ng/u1#	85
26) 2,4-Dimethylphenol	9.569	107	348480	37.153	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.810	93	370615	32.462	ng/u1	99
29) 2,4-Dichlorophenol	10.034	162	254551	37.842	ng/u1	98
30) Naphthalene	10.428	128	793714	28.539	ng/u1	99
32) 4-Chloroaniline	10.551	127	367056	32.564	ng/u1	100
33) Hexachlorobutadiene	10.704	225	106047	25.698	ng/u1	97
34) Caprolactam	11.363	113	69819	31.038	ng/u1	89
35) 4-Chloro-3-methylphenol	11.698	107	363437	45.954	ng/u1	98
36) 2-Methylnaphthalene	12.051	142	617751	35.834	ng/u1	100

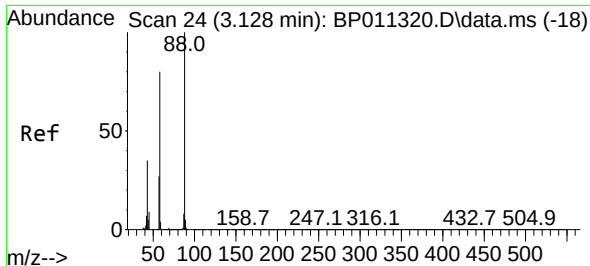
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	633018	36.200	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	282927	35.465	ng/ul	96
40) Hexachlorocyclopentadiene	12.398	237	129951	30.398	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	209184	43.337	ng/ul	100
42) 2,4,5-Trichlorophenol	12.751	196	230674	44.776	ng/ul	98
43) 1,1'-Biphenyl	13.086	154	856924	36.012	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	642181	35.969	ng/ul	96
45) 2-Nitroaniline	13.345	65	258530	57.016	ng/ul	99
47) Dimethylphthalate	13.733	163	895192	42.036	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	178407	53.579	ng/ul	95
50) Acenaphthylene	13.980	152	1139819	39.068	ng/ul	99
51) 3-Nitroaniline	14.186	138	196014	53.514	ng/ul	98
52) Acenaphthene	14.322	153	747041	38.392	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	93696	47.426	ng/ul#	84
55) 4-Nitrophenol	14.510	109	193043	54.187	ng/ul#	73
56) Dibenzofuran	14.663	168	1023096	38.784	ng/ul	91
57) 2,4-Dinitrotoluene	14.645	165	265980	52.114	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.892	232	186333	46.493	ng/ul#	91
59) Diethylphthalate	15.110	149	1018229	46.154	ng/ul	97
61) Fluorene	15.322	166	860330	40.159	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	384662	41.076	ng/ul	91
63) 4-Nitroaniline	15.363	138	184875	51.870	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.416	198	138467	48.592	ng/ul#	94
67) N-Nitrosodiphenylamine	15.539	169	744368	42.398	ng/ul	100
68) 4-Bromophenyl-phenylether	16.221	248	225985	42.863	ng/ul	90
69) Hexachlorobenzene	16.322	284	263598	42.796	ng/ul	92
70) Atrazine	16.516	200	233948	39.978	ng/ul	98
71) Pentachlorophenol	16.680	266	156456	43.755	ng/ul	98
72) Phenanthrene	17.074	178	1359270	40.687	ng/ul	100
74) Anthracene	17.169	178	1379080	41.466	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	291573	34.089	ng/uL	99
76) Pentachlorobenzene	14.575	250	297067	39.881	ng/uL	98
77) Carbazole	17.451	167	1294053	41.639	ng/ul	99
78) Di-n-butylphthalate	18.021	149	1766830	51.992	ng/ul	100
80) Fluoranthene	19.068	202	1547163	41.659	ng/ul#	94
82) Pyrene	19.421	202	1600152	40.821	ng/ul	94
83) Butylbenzylphthalate	20.321	149	791250	63.342	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.092	252	476980	47.323	ng/ul	99
85) Benzo(a)anthracene	21.145	228	1480005	41.654	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	1184564	59.071	ng/ul	98
87) Chrysene	21.198	228	1453476	41.324	ng/ul	100
89) Di-n-octyl phthalate	21.986	149	1985383	52.286	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	1480764	41.110	ng/ul	98
91) Benzo(k)fluoranthene	22.815	252	1448483	41.101	ng/ul	98
93) Benzo(a)pyrene	23.374	252	1464172	42.146	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.862	276	1625204	42.317	ng/ul	95
95) Dibenzo(a,h)anthracene	25.880	278	1402396	42.936	ng/ul#	94
96) Benzo(g,h,i)perylene	26.586	276	1379020	42.553	ng/ul	96

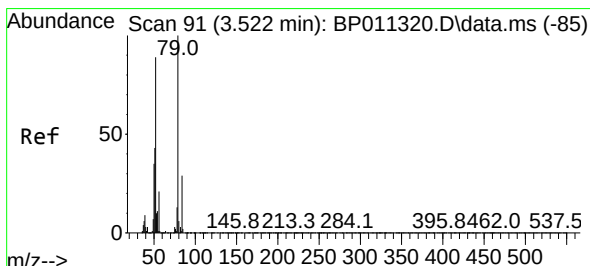
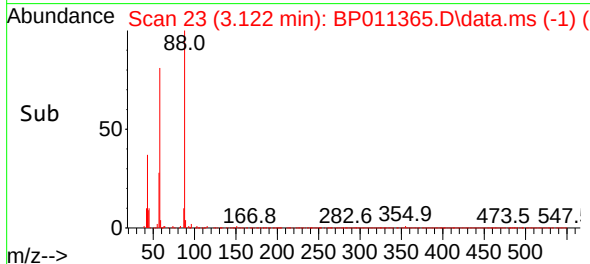
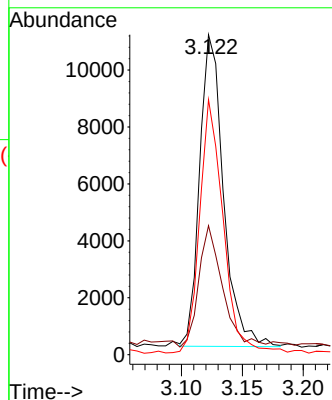
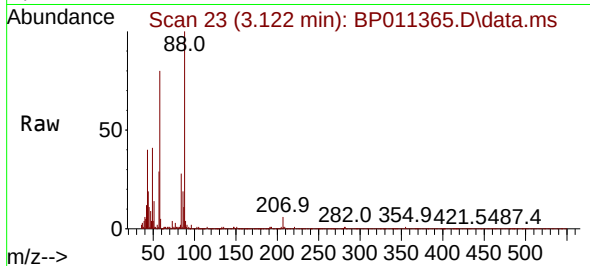
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#2
1,4-Dioxane
Concen: 3.628 ng/uL
RT: 3.122 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011365.D
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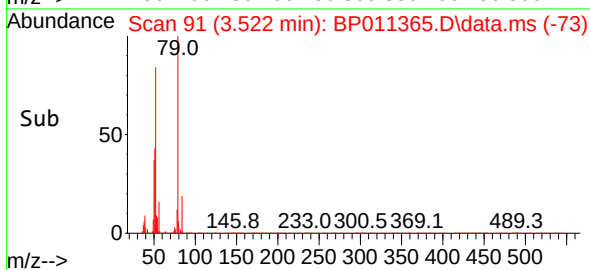
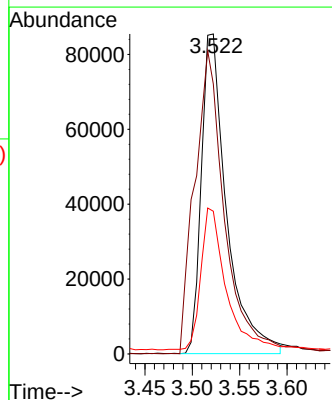
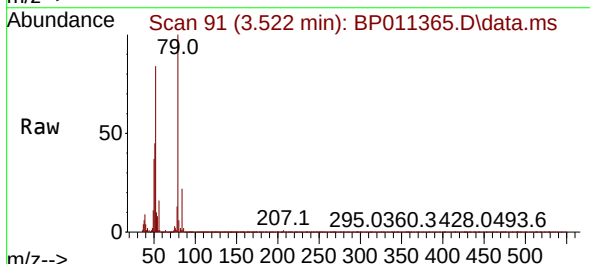
Instrument :
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ClientSampleId :

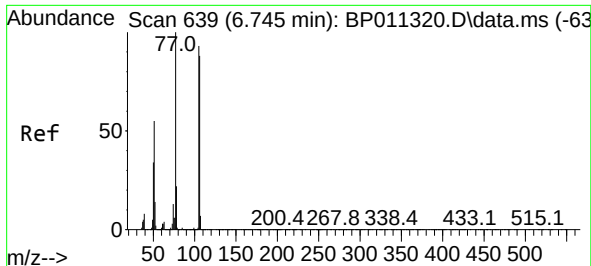
Tgt Ion: 88 Resp: 14947
Ion Ratio Lower Upper
88 100
43 40.3 29.6 44.4
58 79.7 49.1 73.7#



#5
Pyridine
Concen: 15.625 ng/uL
RT: 3.522 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion: 79 Resp: 159241
Ion Ratio Lower Upper
79 100
52 84.3 57.8 86.6
51 44.6 31.5 47.3

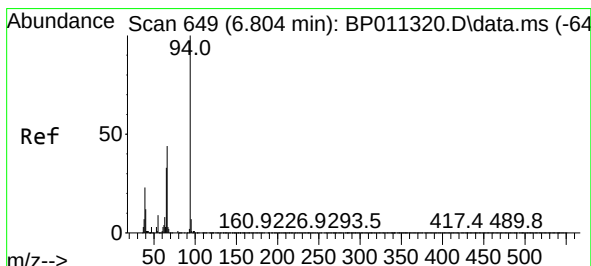
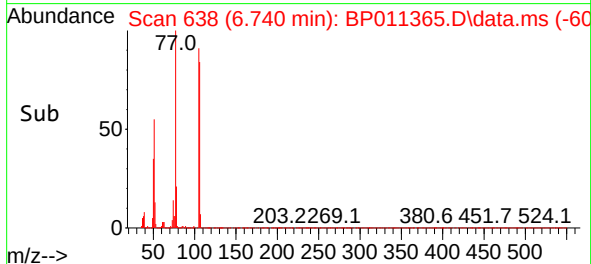
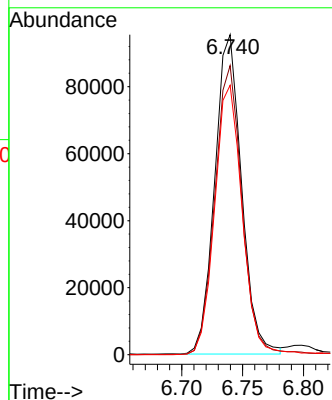
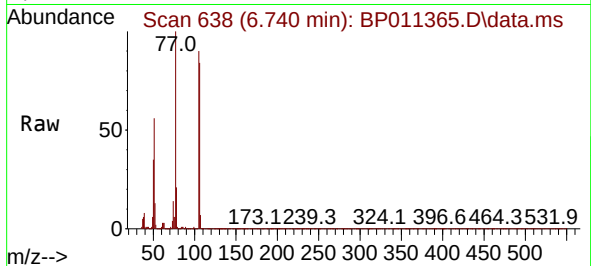




#6
Benzaldehyde
Concen: 31.853 ng/ul
RT: 6.740 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

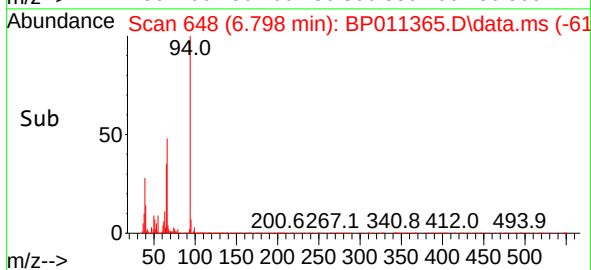
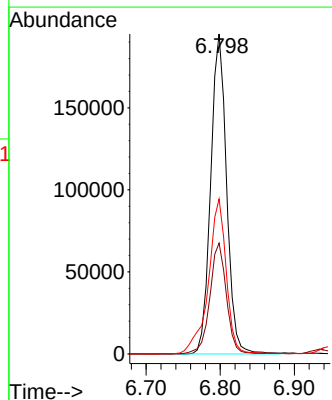
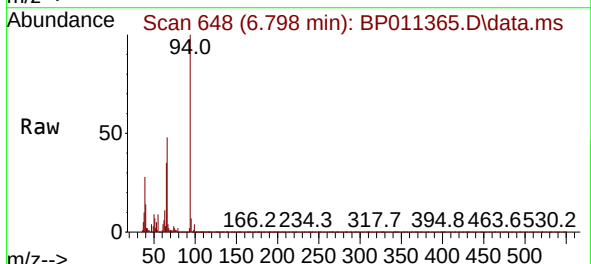
Instrument :
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ClientSampleId :

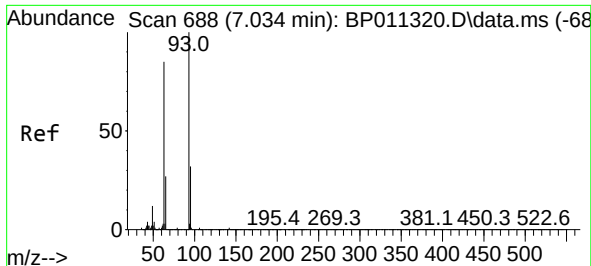
Tgt Ion: 77 Resp: 146077
Ion Ratio Lower Upper
77 100
105 90.4 72.0 108.0
106 84.2 69.4 104.0



#8
Phenol
Concen: 25.491 ng/ul
RT: 6.798 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion: 94 Resp: 290358
Ion Ratio Lower Upper
94 100
65 34.7 24.7 37.1
66 48.5 32.6 49.0



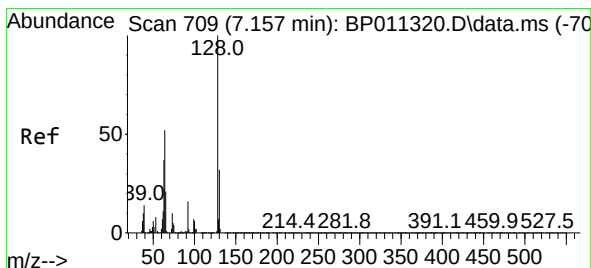
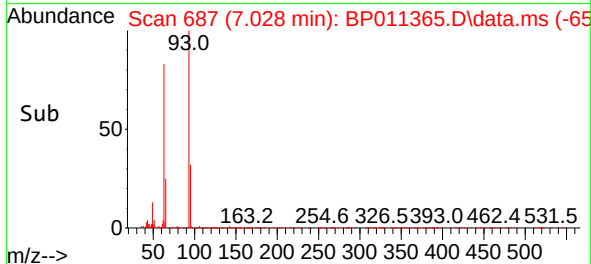
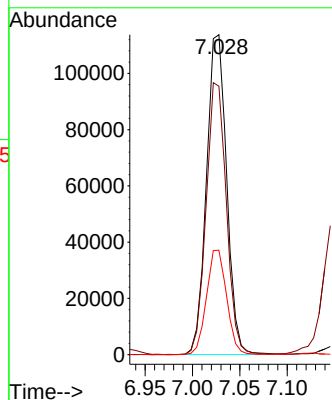
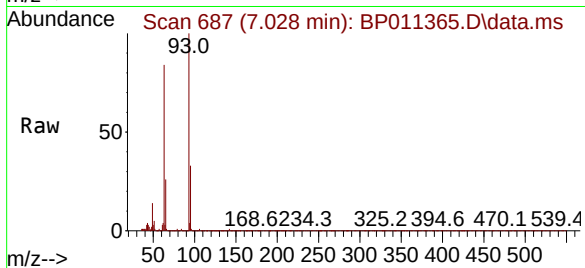


#10
 Bis(2-Chloroethyl)ether
 Concen: 18.350 ng/ul
 RT: 7.028 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP011365.D
 Acq: 10 Aug 2022 12:18

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 168327

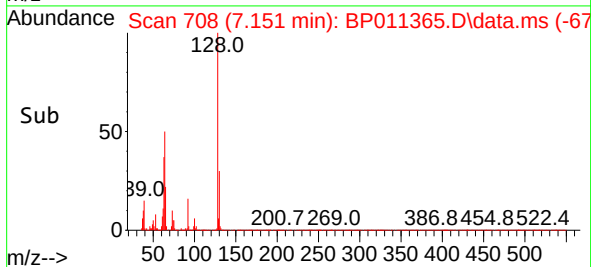
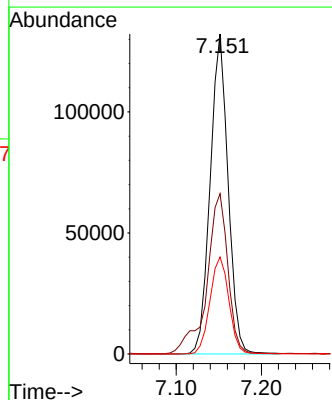
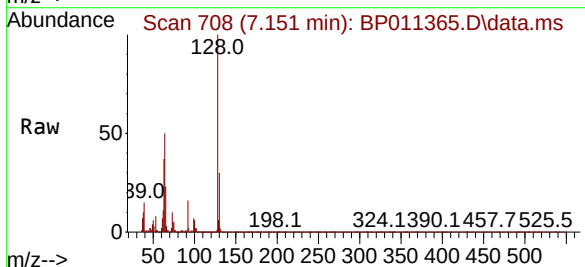
Ion	Ratio	Lower	Upper
93	100		
63	83.9	71.0	106.6
95	32.6	26.0	39.0

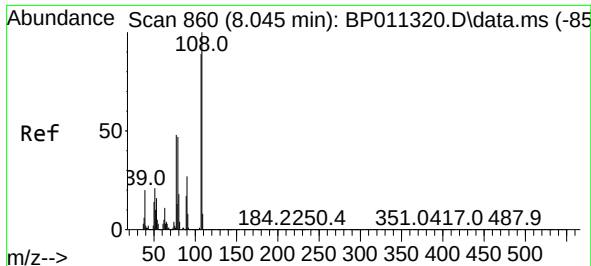


#12
 2-Chlorophenol
 Concen: 22.468 ng/ul
 RT: 7.151 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: BP011365.D
 Acq: 10 Aug 2022 12:18

Tgt Ion: 128 Resp: 193303

Ion	Ratio	Lower	Upper
128	100		
64	50.1	43.8	65.6
130	30.3	25.4	38.2

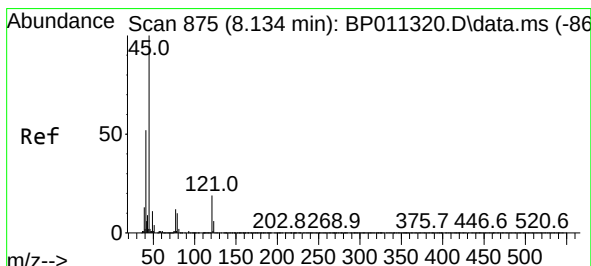
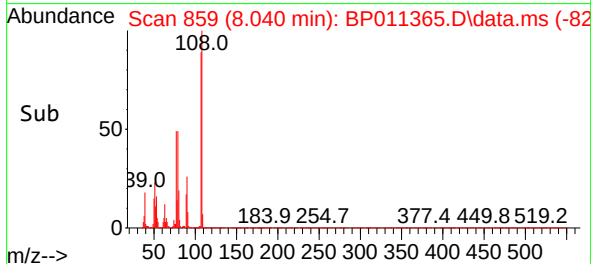
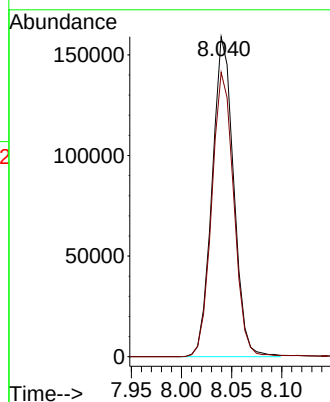
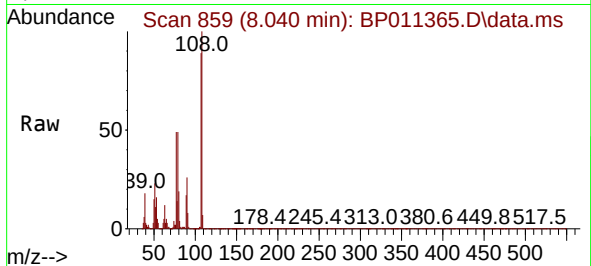




#13
2-Methylphenol
Concen: 28.966 ng/ul
RT: 8.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

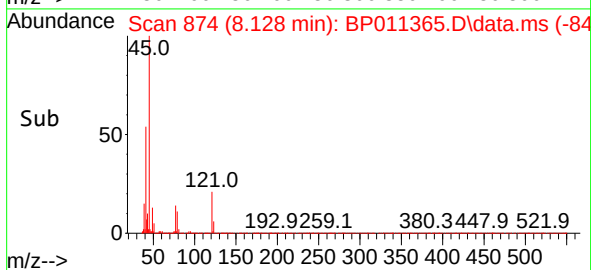
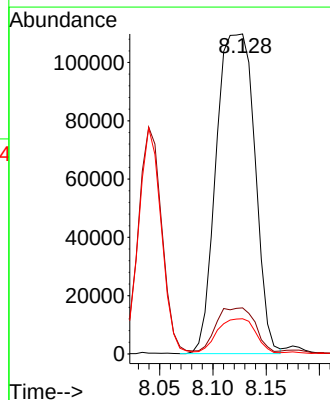
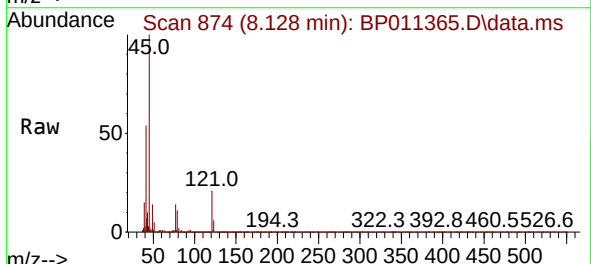
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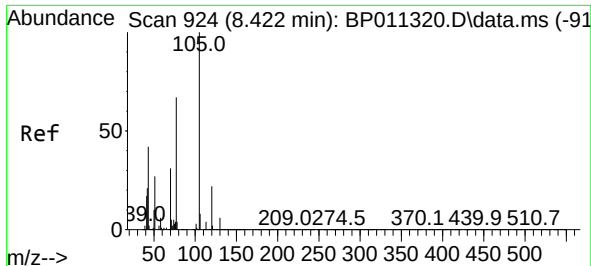
Tgt Ion:108 Resp: 237619
Ion Ratio Lower Upper
108 100
107 88.9 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.020 ng/ul
RT: 8.128 min Scan# 874
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion: 45 Resp: 275446
Ion Ratio Lower Upper
45 100
77 14.4 9.9 14.9
79 11.0 7.2 10.8#

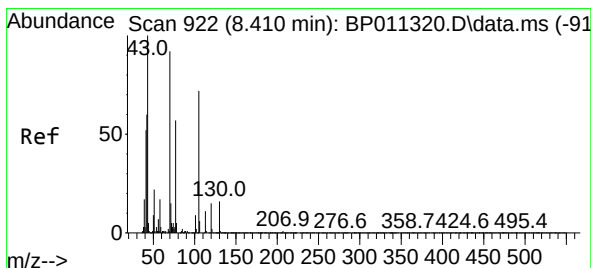
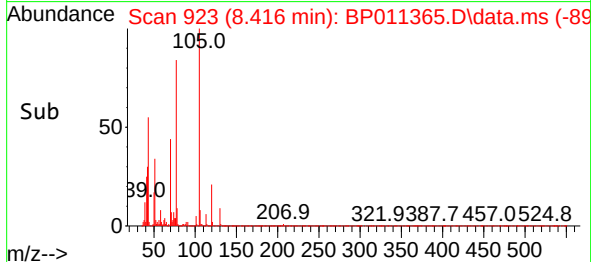
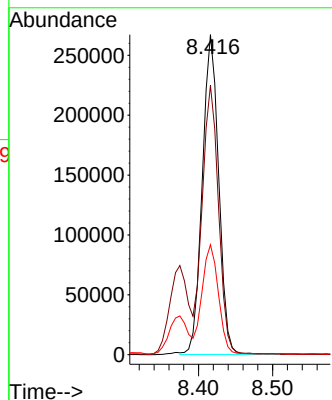
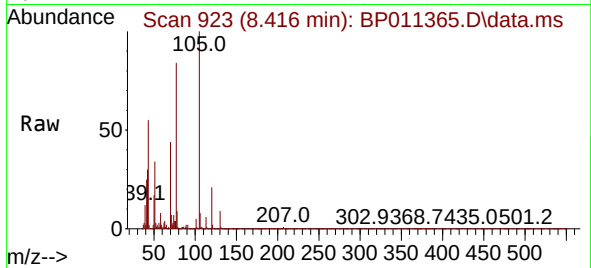




#16
Acetophenone
Concen: 30.695 ng/ul
RT: 8.416 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011365.D
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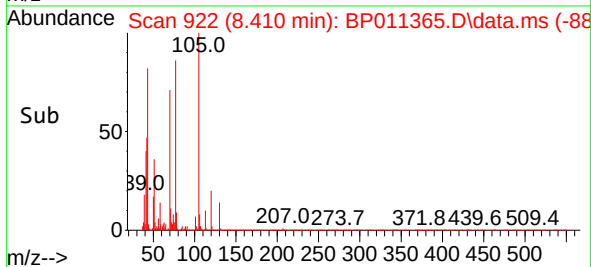
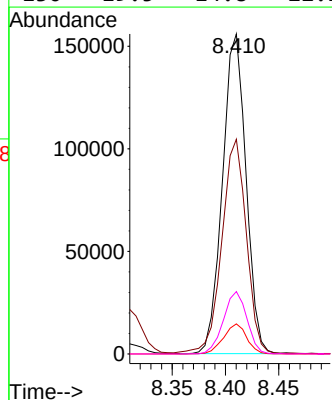
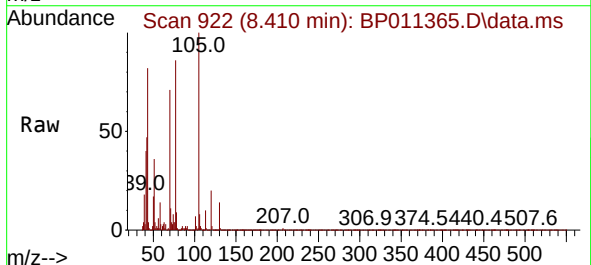
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ClientSampleId :

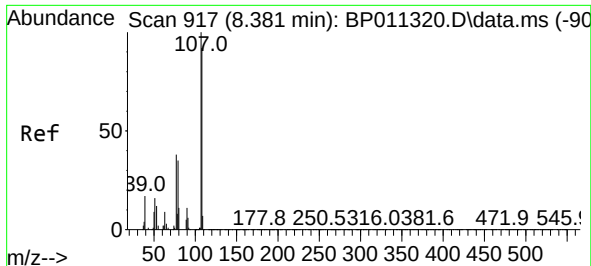
Tgt Ion:105 Resp: 410333
Ion Ratio Lower Upper
105 100
77 84.1 65.4 98.0
51 34.4 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 36.342 ng/ul
RT: 8.410 min Scan# 922
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

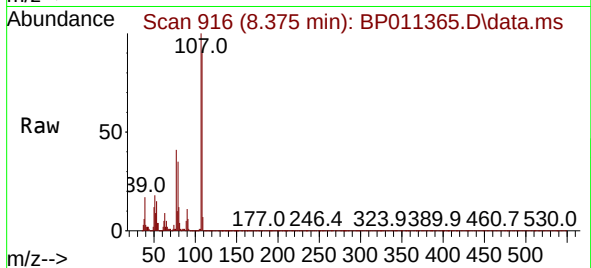
Tgt Ion: 70 Resp: 239329
Ion Ratio Lower Upper
70 100
42 67.1 55.5 83.3
101 9.4 7.1 10.7
130 19.5 14.8 22.2



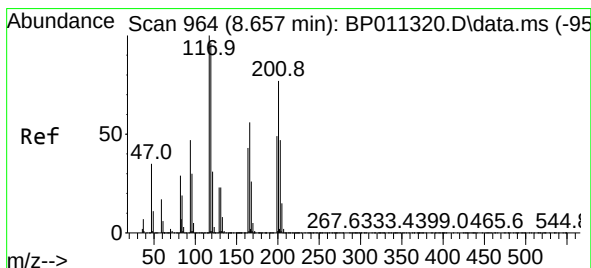
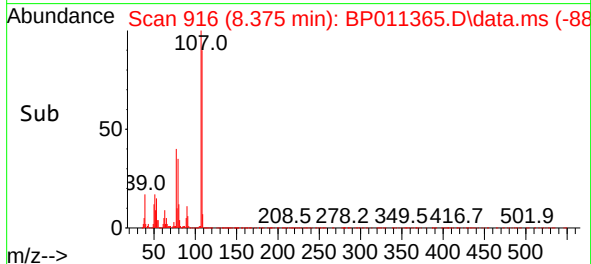
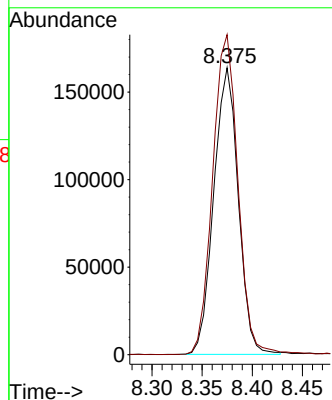


#18
4-Methylphenol
Concen: 31.679 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Instrument :
BNA_P
ClientSampleId :

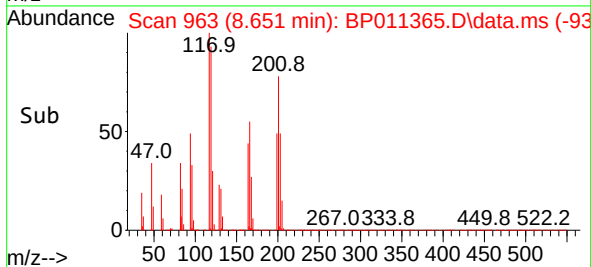
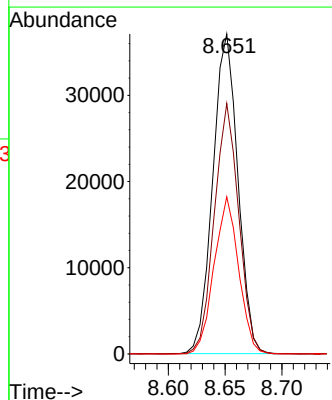
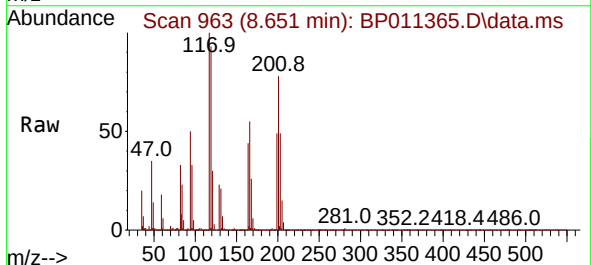


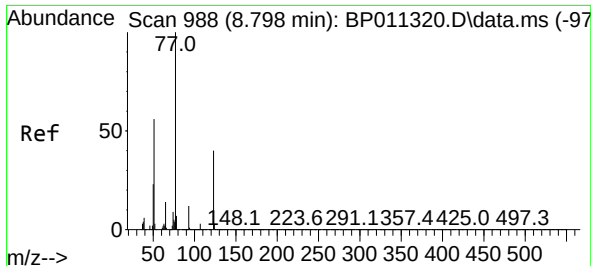
Tgt Ion:108 Resp: 278544
Ion Ratio Lower Upper
108 100
107 111.5 88.2 132.4



#19
Hexachloroethane
Concen: 15.686 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:117 Resp: 56981
Ion Ratio Lower Upper
117 100
201 78.2 62.2 93.2
199 49.1 39.8 59.6

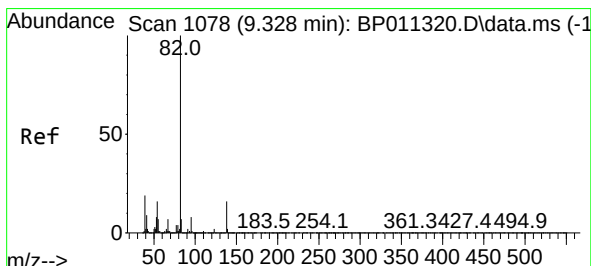
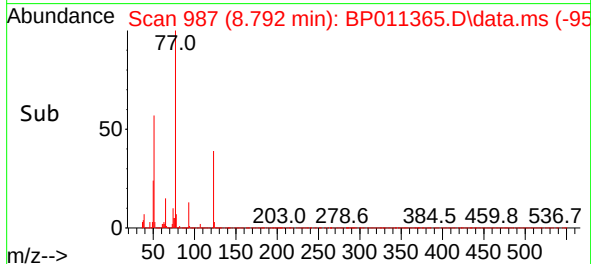
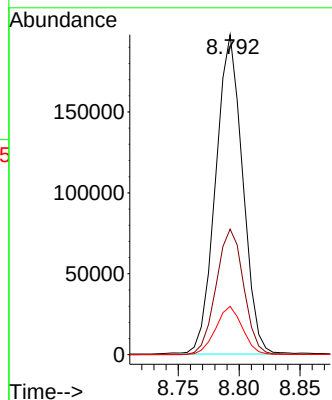
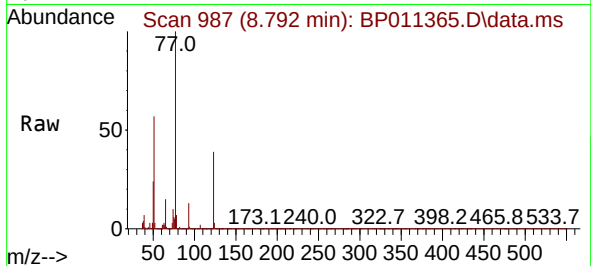




#22
Nitrobenzene
Concen: 31.213 ng/ul
RT: 8.792 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

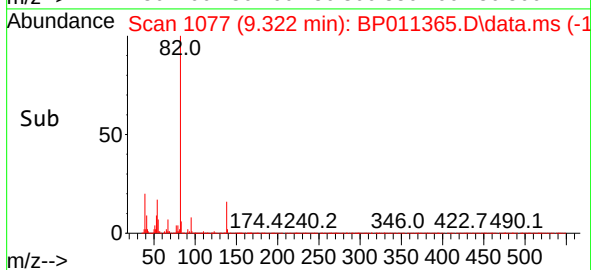
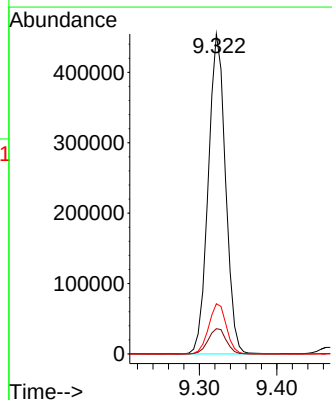
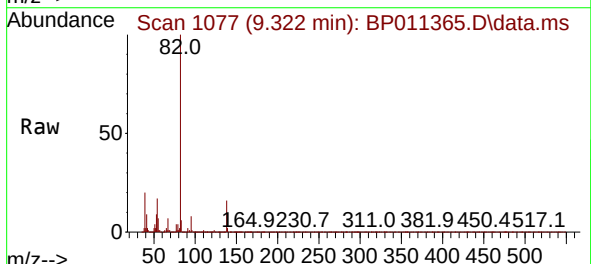
Instrument :
BNA_P
ClientSampleId :

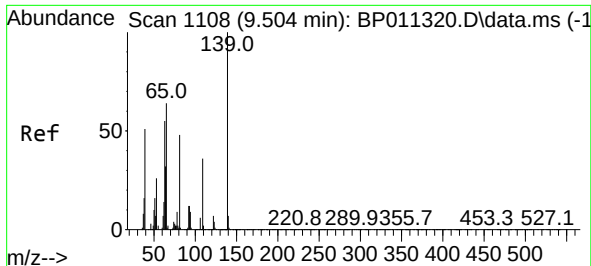
Tgt Ion: 77 Resp: 303992
Ion Ratio Lower Upper
77 100
123 39.3 31.4 47.0
65 15.1 10.6 15.8



#23
Isophorone
Concen: 39.322 ng/ul
RT: 9.322 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion: 82 Resp: 702473
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.7 12.6 18.8

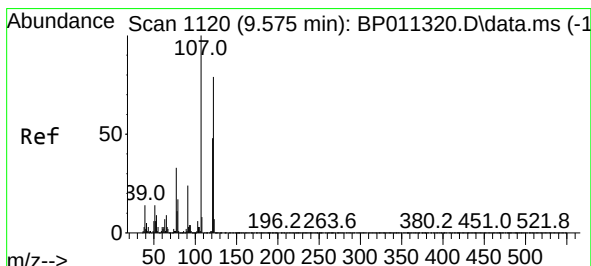
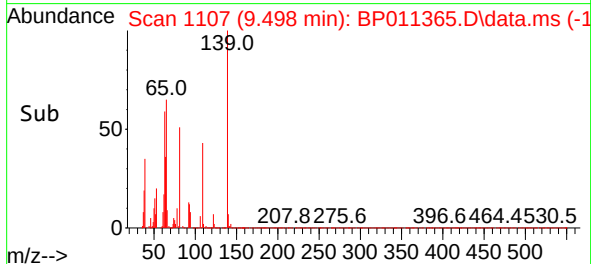
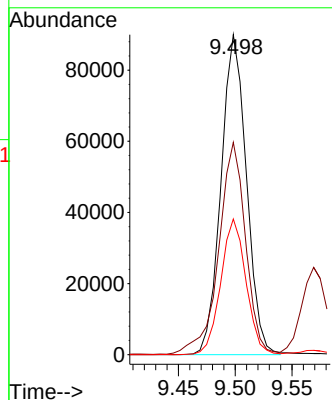
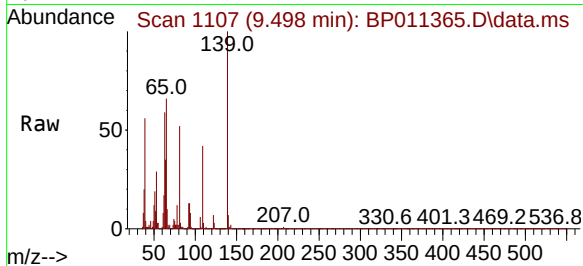




#25
2-Nitrophenol
Concen: 37.727 ng/ul
RT: 9.498 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

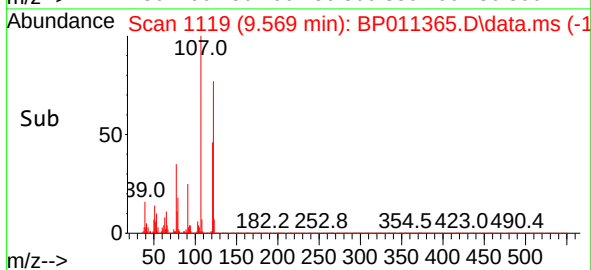
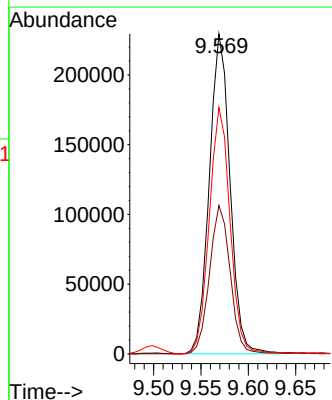
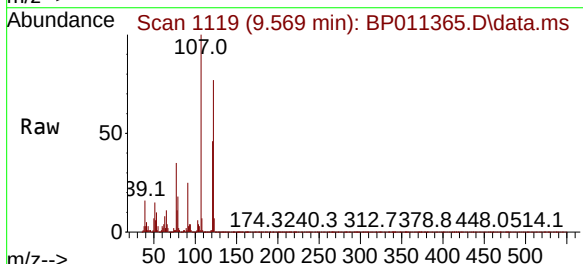
Instrument :
BNA_P
ClientSampleId :

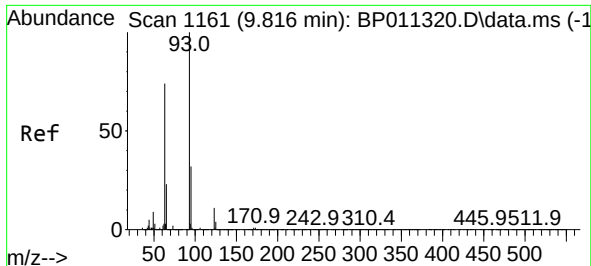
Tgt Ion:139 Resp: 140049
Ion Ratio Lower Upper
139 100
65 66.3 46.7 70.1
109 42.4 24.2 36.2#



#26
2,4-Dimethylphenol
Concen: 37.153 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:107 Resp: 348480
Ion Ratio Lower Upper
107 100
121 46.4 40.3 60.5
122 77.0 67.7 101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 32.462 ng/ul

RT: 9.810 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

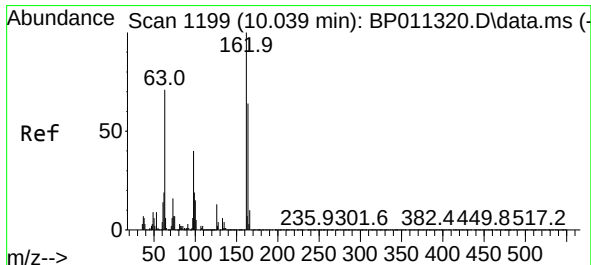
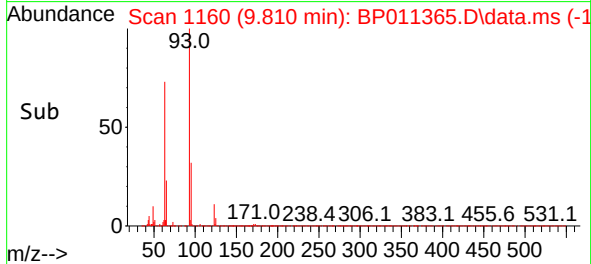
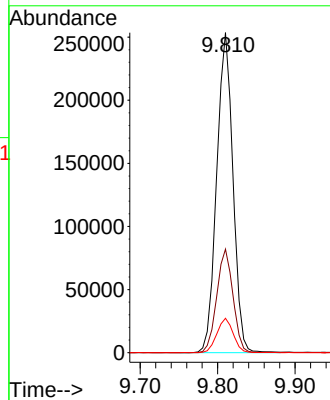
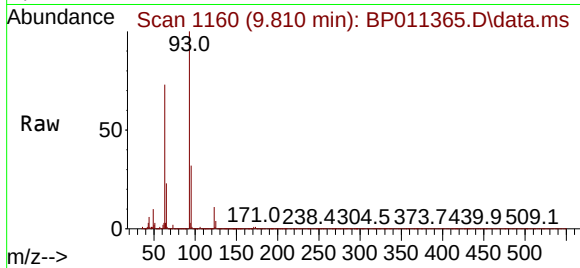
Tgt Ion: 93 Resp: 370615

Ion Ratio Lower Upper

93 100

95 32.4 25.2 37.8

123 10.7 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 37.842 ng/ul

RT: 10.034 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

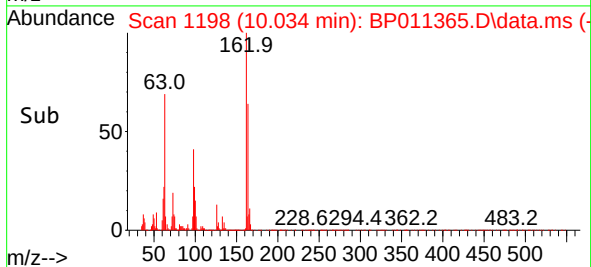
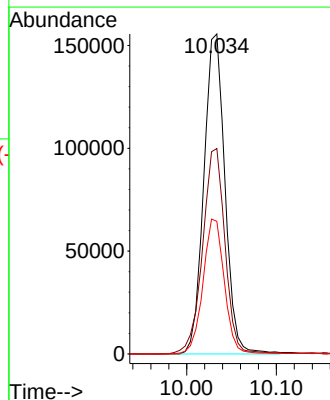
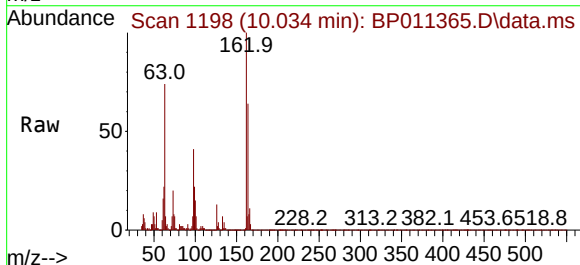
Tgt Ion: 162 Resp: 254551

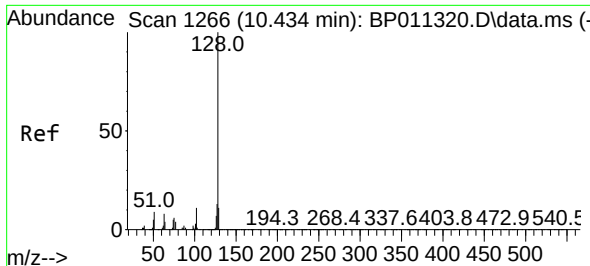
Ion Ratio Lower Upper

162 100

164 64.2 52.6 79.0

98 41.4 34.2 51.4

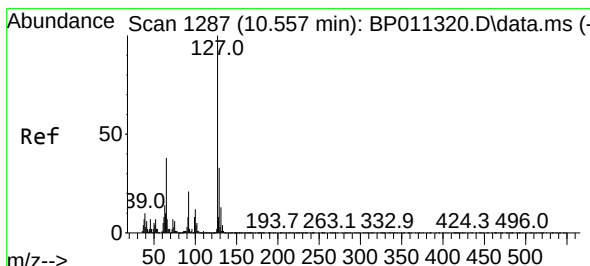
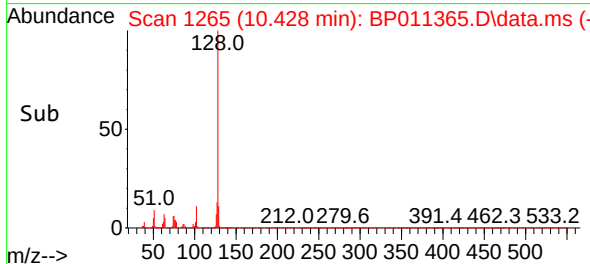
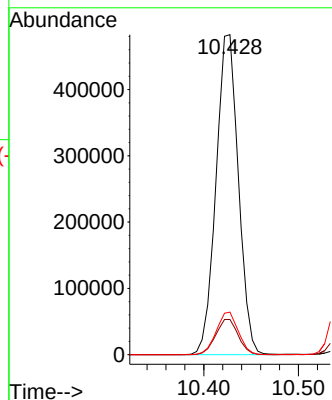
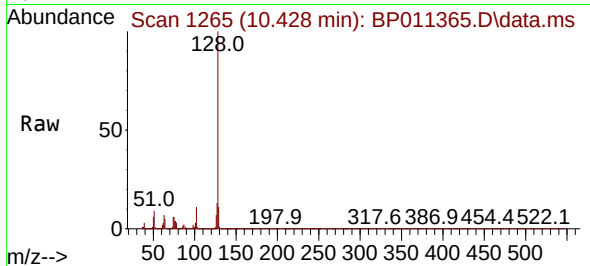




#30
Naphthalene
Concen: 28.539 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

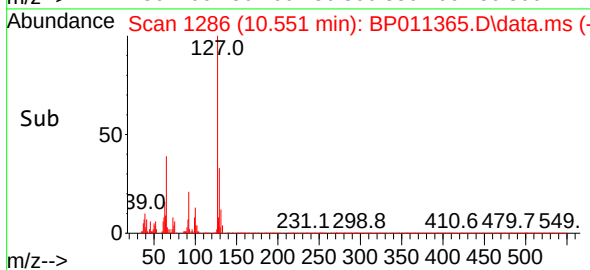
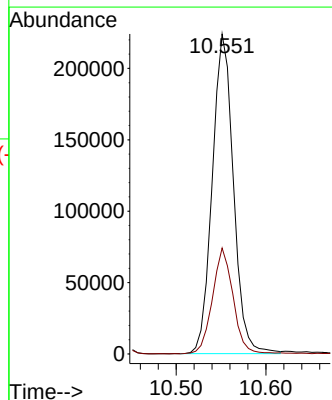
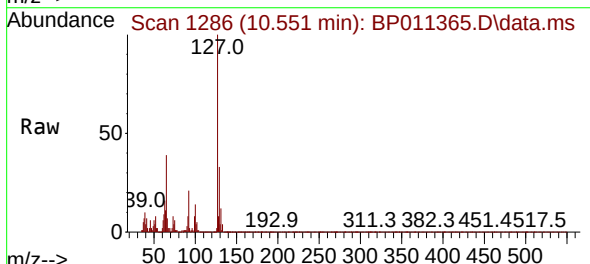
Instrument :
BNA_P
ClientSampleId :

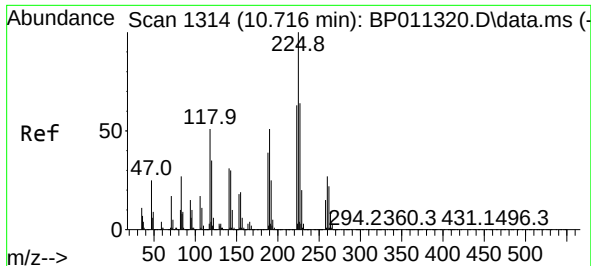
Tgt Ion:128 Resp: 793714
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 32.564 ng/ul
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:127 Resp: 367056
Ion Ratio Lower Upper
127 100
129 33.1 26.6 40.0

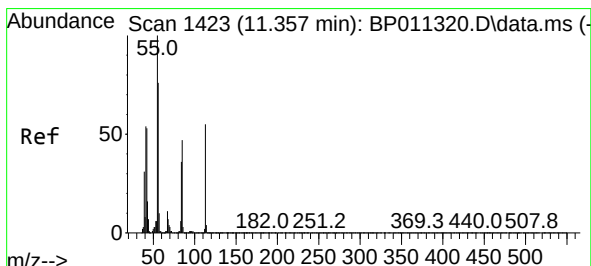
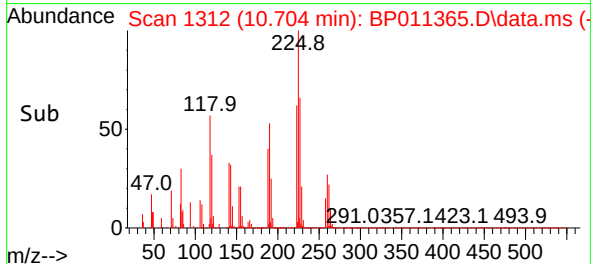
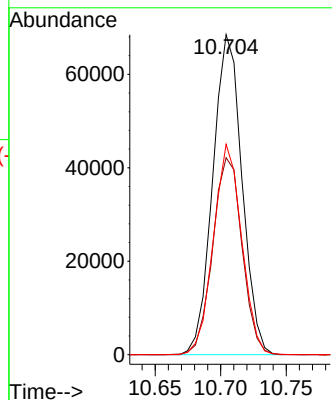
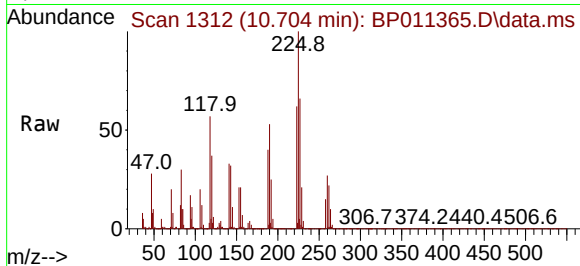




#33
Hexachlorobutadiene
Concen: 25.698 ng/ul
RT: 10.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

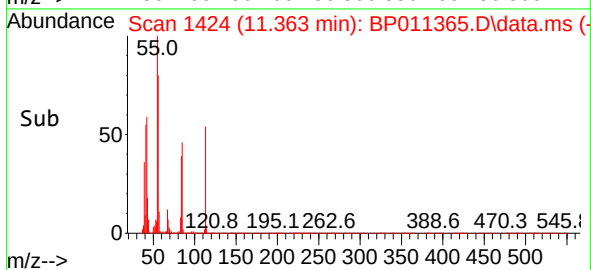
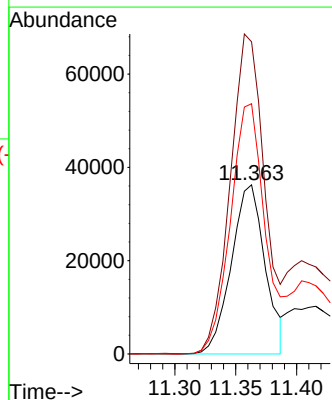
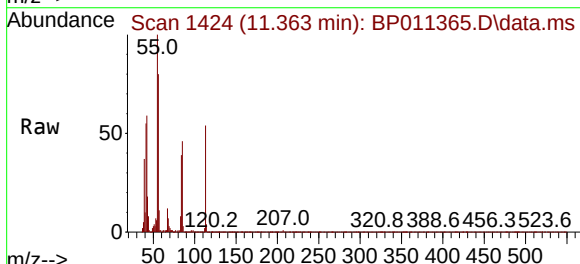
Instrument :
BNA_P
ClientSampleId :

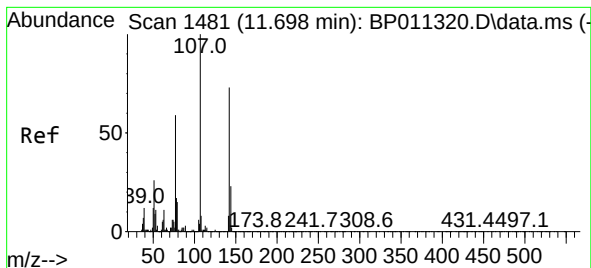
Tgt Ion:225 Resp: 106047
Ion Ratio Lower Upper
225 100
223 61.6 51.2 76.8
227 65.7 50.6 75.8



#34
Caprolactam
Concen: 31.038 ng/ul
RT: 11.363 min Scan# 1424
Delta R.T. 0.011 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:113 Resp: 69819
Ion Ratio Lower Upper
113 100
55 184.5 164.2 246.4
56 147.9 127.0 190.6

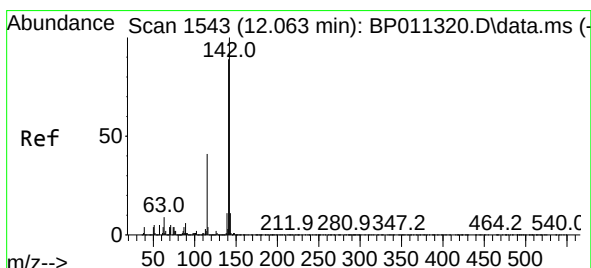
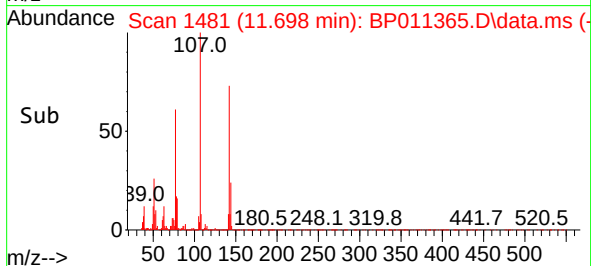
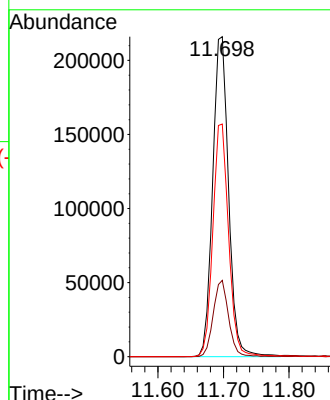
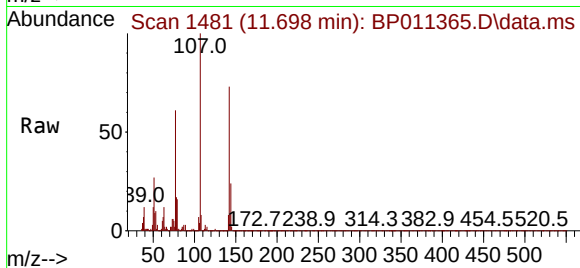




#35
4-Chloro-3-methylphenol
Concen: 45.954 ng/ul
RT: 11.698 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

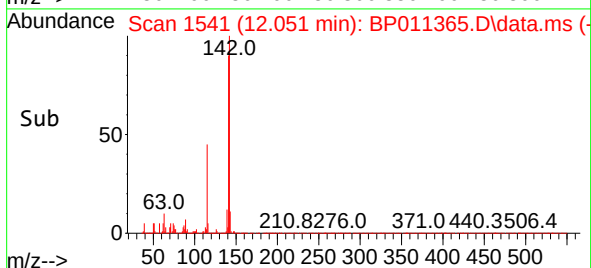
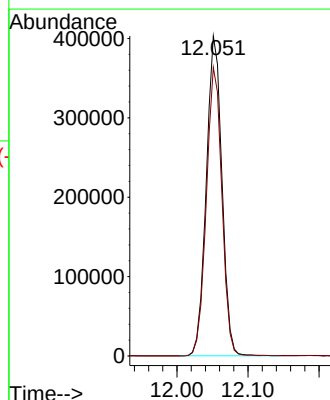
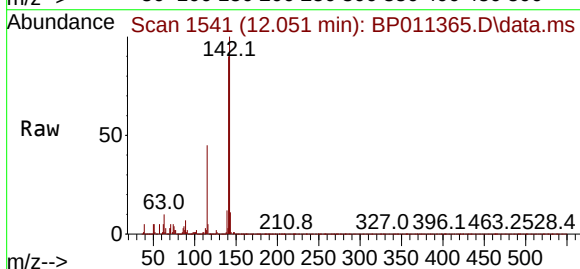
Instrument :
BNA_P
ClientSampleId :

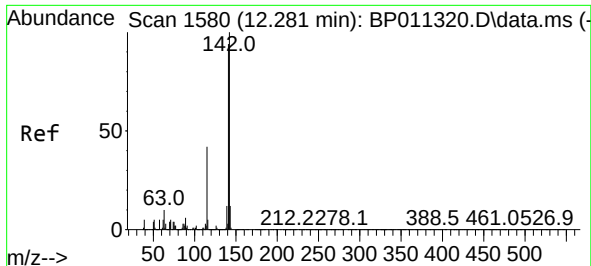
Tgt Ion:107 Resp: 363437
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.4
142 72.7 59.8 89.8



#36
2-Methylnaphthalene
Concen: 35.834 ng/ul
RT: 12.051 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:142 Resp: 617751
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.8

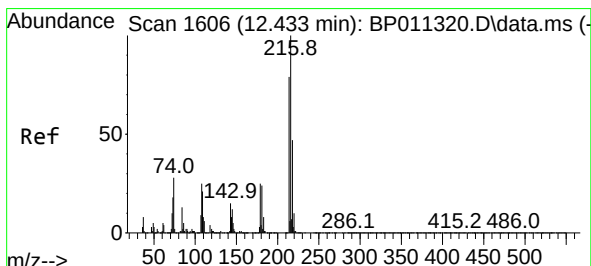
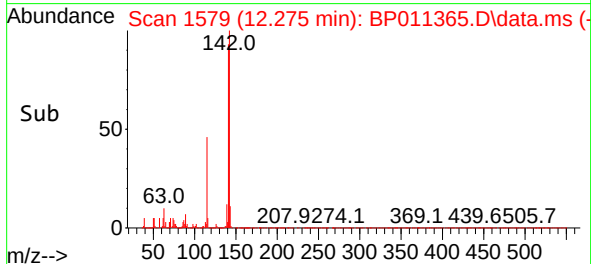
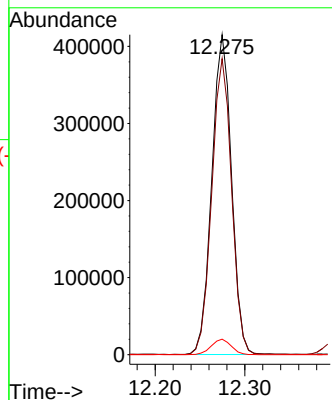
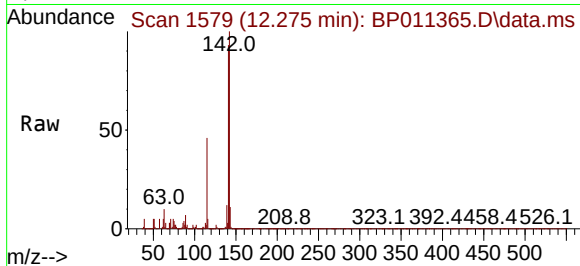




#37
1-Methylnaphthalene
Concen: 36.200 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

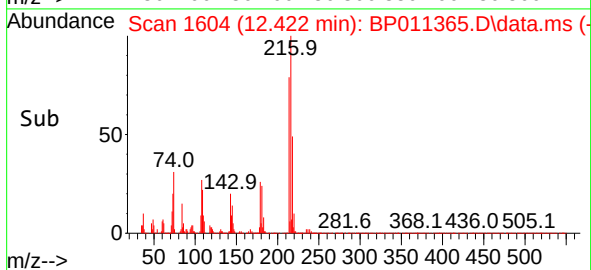
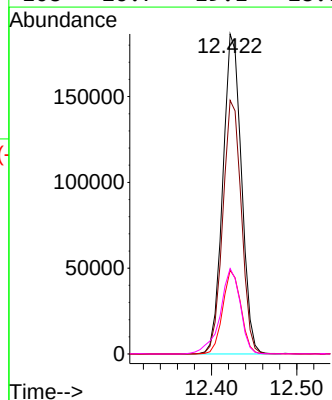
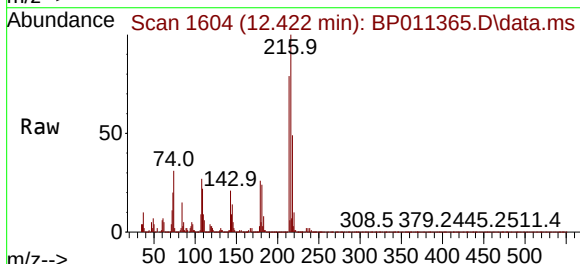
Instrument :
BNA_P
ClientSampleId :

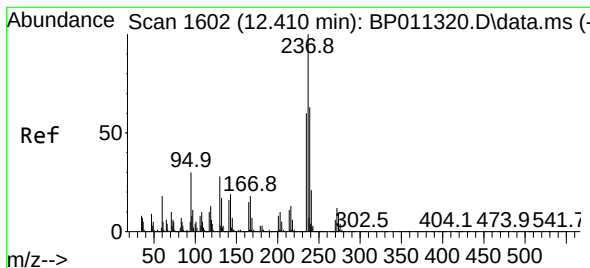
Tgt Ion:142 Resp: 633018
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1
116 4.8 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.465 ng/ul
RT: 12.422 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:216 Resp: 282927
Ion Ratio Lower Upper
216 100
214 79.2 61.1 91.7
179 26.1 18.6 27.8
108 26.7 19.1 28.7





#40

Hexachlorocyclopentadiene

Concen: 30.398 ng/ul

RT: 12.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011365.D

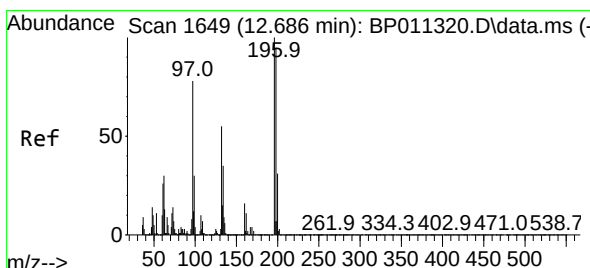
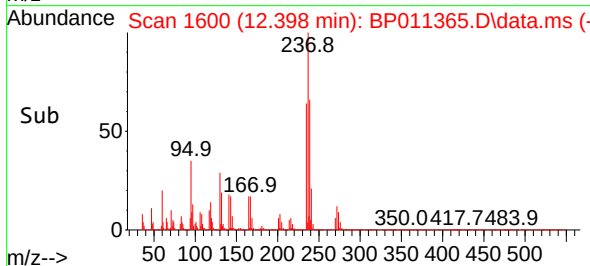
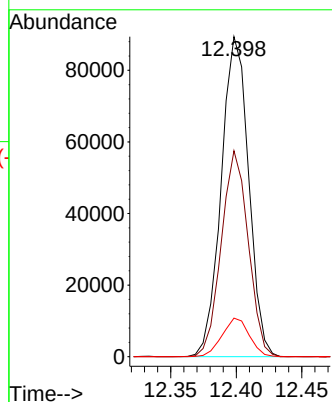
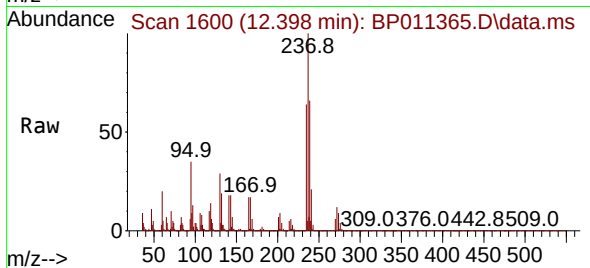
Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	129951
Ion Ratio	Lower	Upper
237	100	
235	64.3	50.4 75.6
272	12.5	9.9 14.9



#41

2,4,6-Trichlorophenol

Concen: 43.337 ng/ul

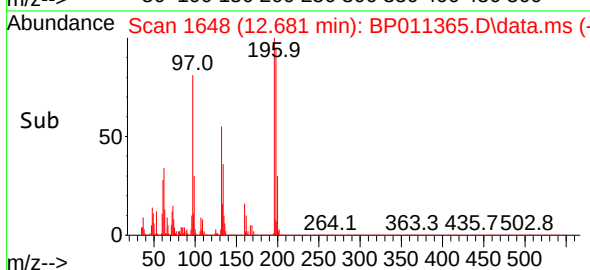
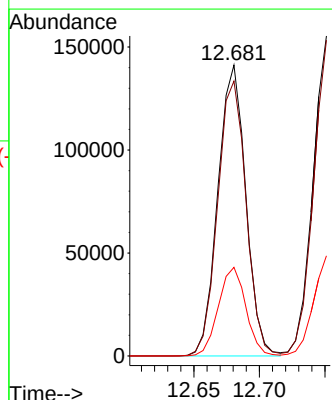
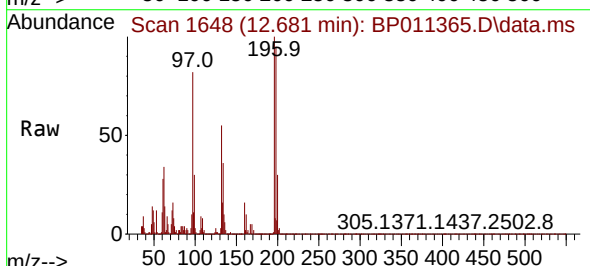
RT: 12.681 min Scan# 1648

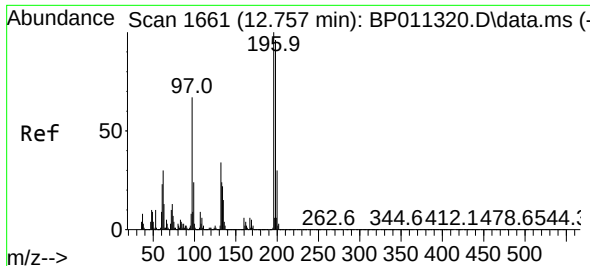
Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

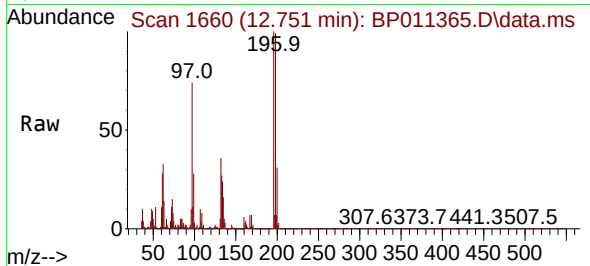
Tgt Ion:196	Resp:	209184
Ion Ratio	Lower	Upper
196	100	
198	94.5	75.5 113.3
200	30.5	24.4 36.6



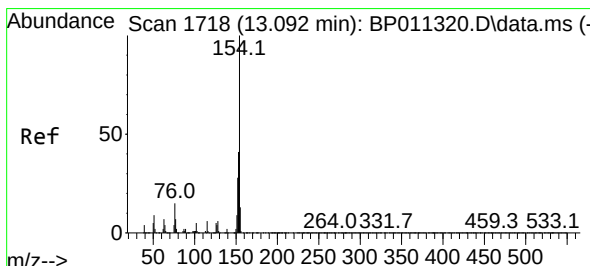
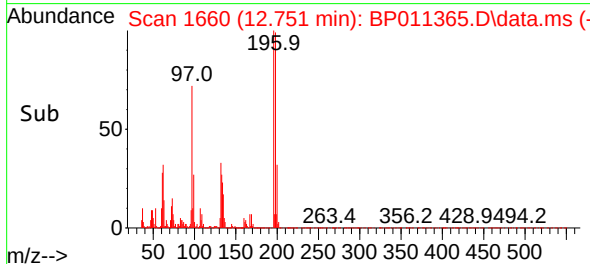
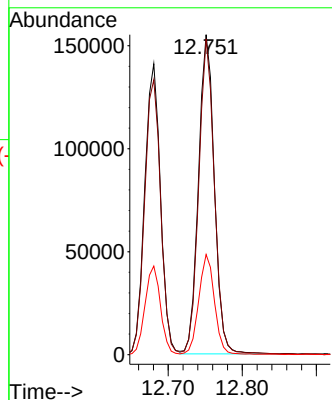


#42
2,4,5-Trichlorophenol
Concen: 44.776 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Instrument :
BNA_P
ClientSampleId :

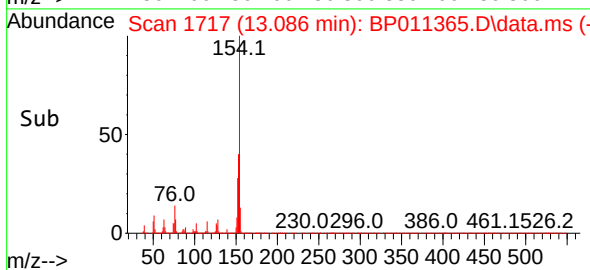
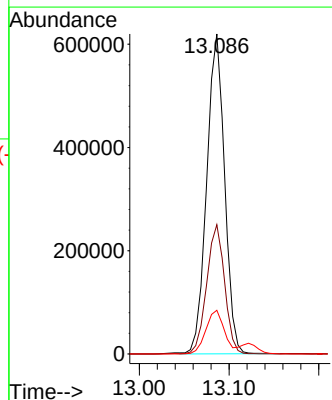
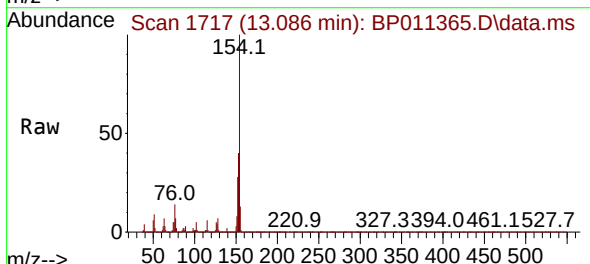


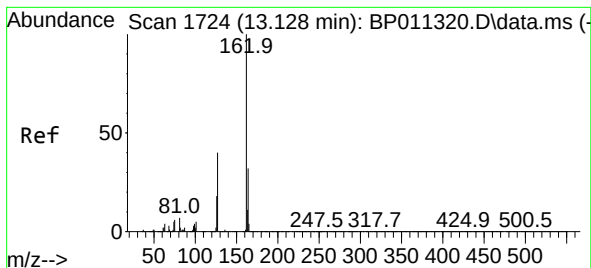
Tgt Ion:196 Resp: 230674
Ion Ratio Lower Upper
196 100
198 98.7 76.8 115.2
200 31.3 25.0 37.6



#43
1,1'-Biphenyl
Concen: 36.012 ng/ul
RT: 13.086 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:154 Resp: 856924
Ion Ratio Lower Upper
154 100
153 40.4 31.9 47.9
76 13.7 12.2 18.2





#44

2-Chloronaphthalene

Concen: 35.969 ng/ul

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

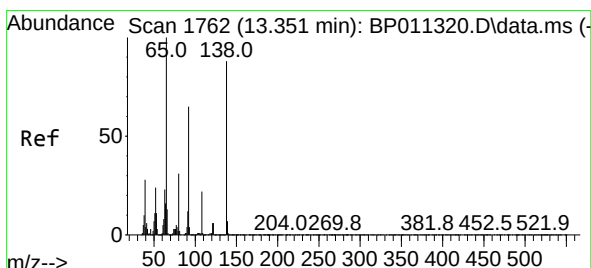
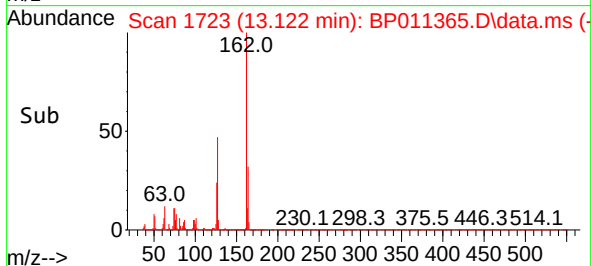
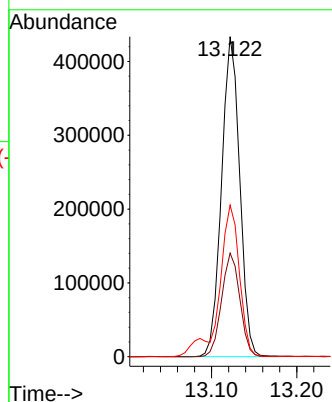
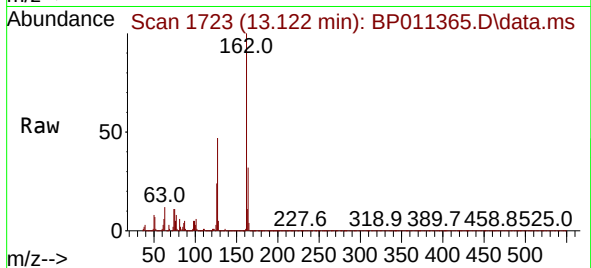
Tgt Ion:162 Resp: 642181

Ion Ratio Lower Upper

162 100

164 32.4 25.6 38.4

127 47.4 34.6 51.8



#45

2-Nitroaniline

Concen: 57.016 ng/ul

RT: 13.345 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

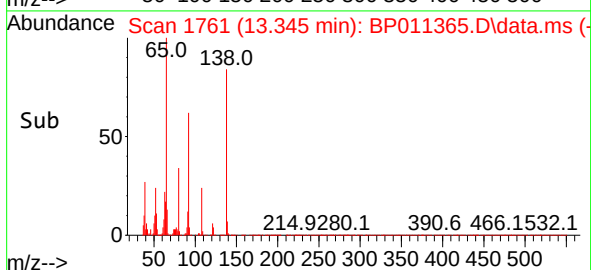
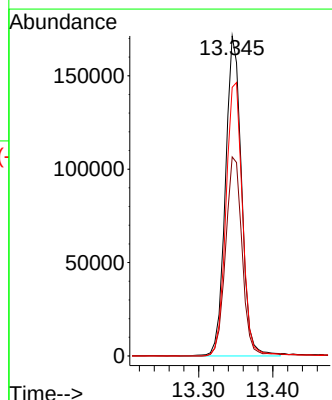
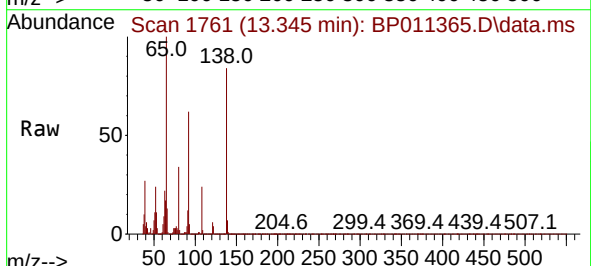
Tgt Ion: 65 Resp: 258530

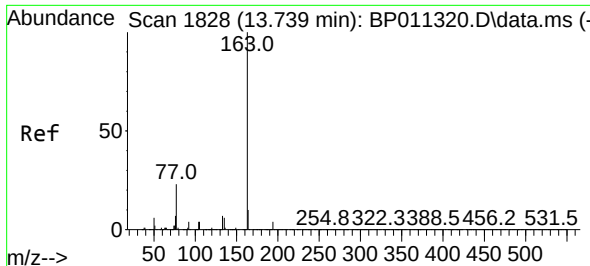
Ion Ratio Lower Upper

65 100

92 62.2 51.4 77.2

138 83.9 67.4 101.0

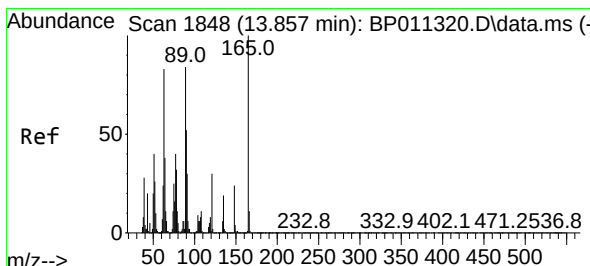
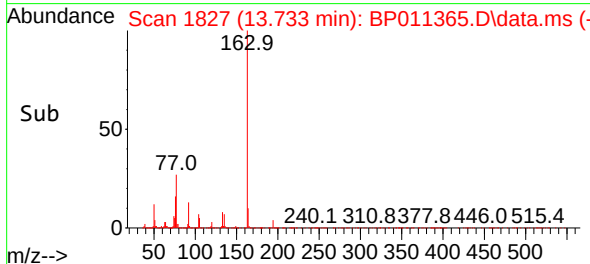
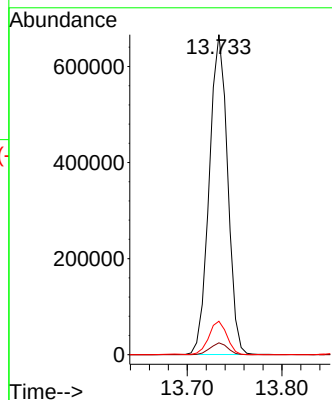
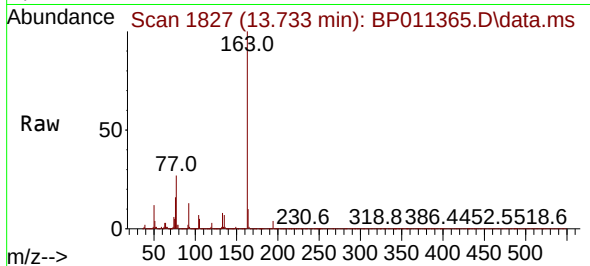




#47
Dimethylphthalate
Concen: 42.036 ng/ul
RT: 13.733 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

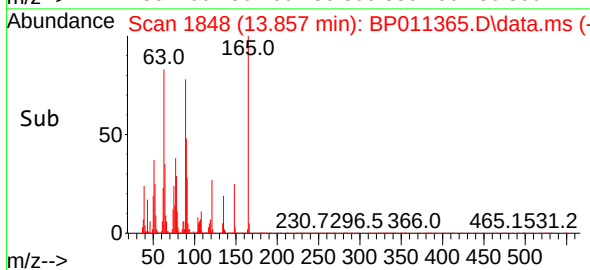
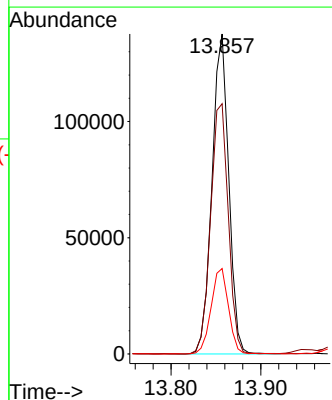
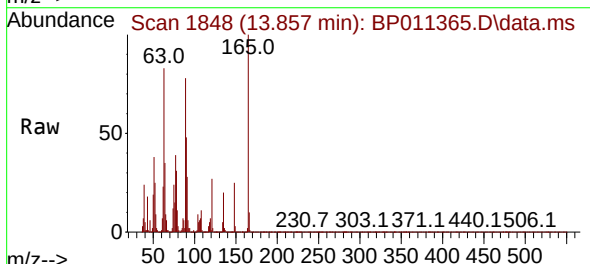
Instrument :
BNA_P
ClientSampleId :

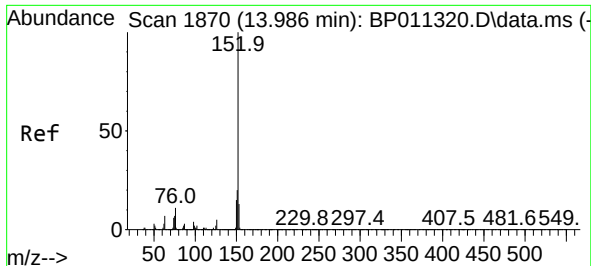
Tgt Ion:163 Resp: 895192
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 53.579 ng/ul
RT: 13.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:165 Resp: 178407
Ion Ratio Lower Upper
165 100
89 78.2 65.8 98.6
121 26.7 24.2 36.2

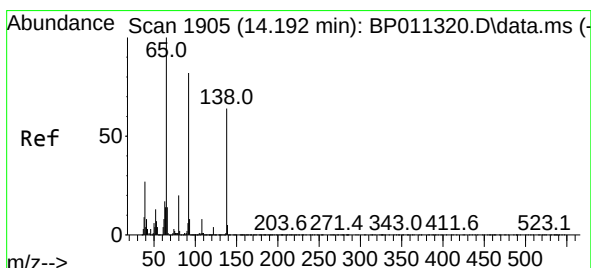
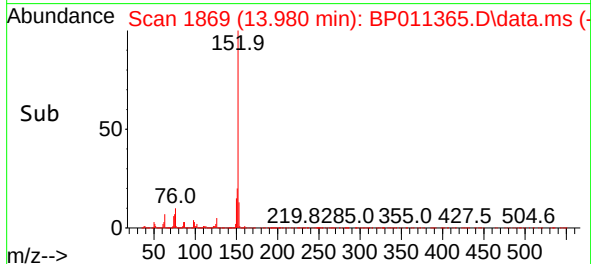
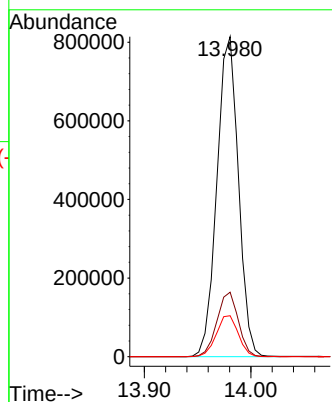
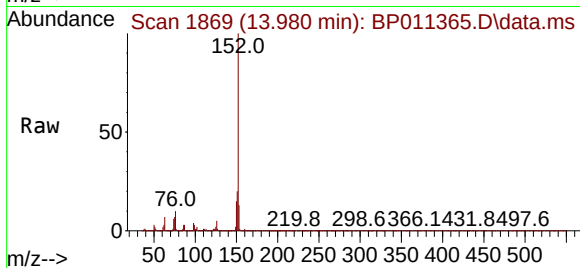




#50
Acenaphthylene
Concen: 39.068 ng/ul
RT: 13.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

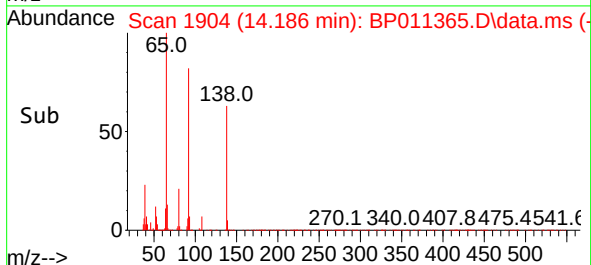
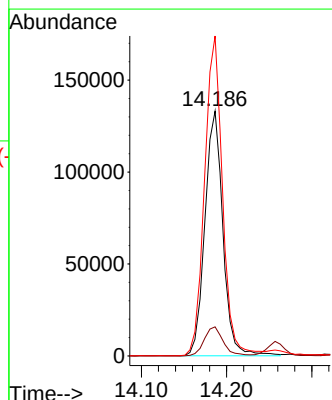
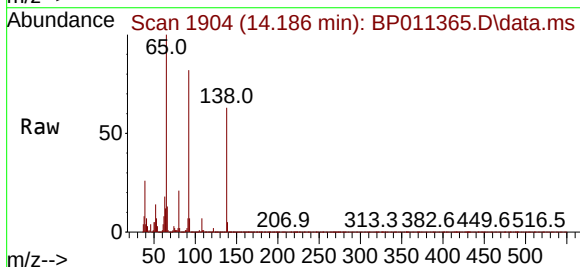
Instrument :
BNA_P
ClientSampleId :

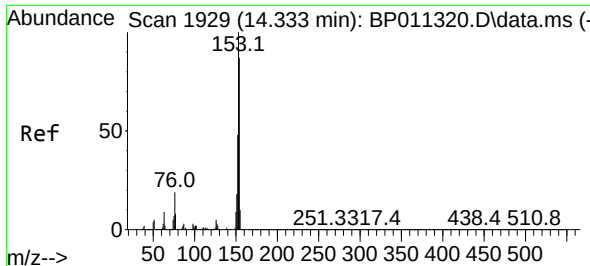
Tgt Ion:152 Resp: 1139819
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.8 10.5 15.7



#51
3-Nitroaniline
Concen: 53.514 ng/ul
RT: 14.186 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:138 Resp: 196014
Ion Ratio Lower Upper
138 100
108 11.9 9.9 14.9
92 130.7 106.8 160.2

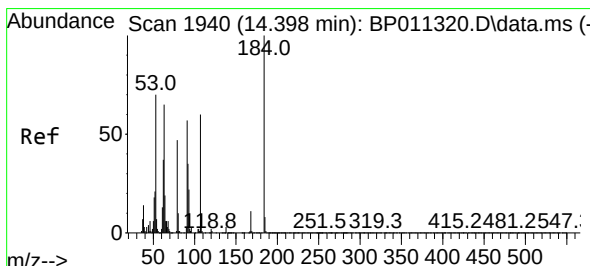
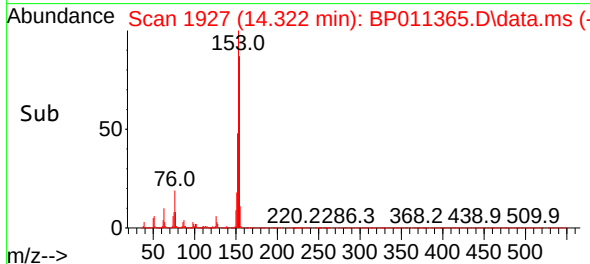
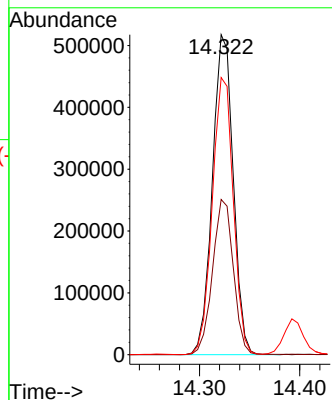
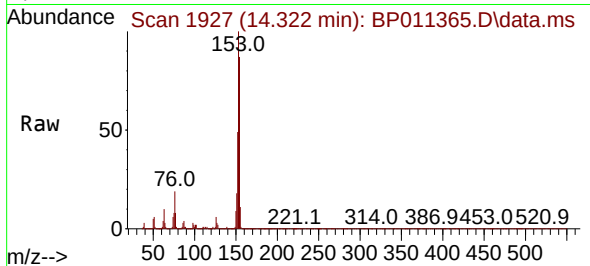




#52
Acenaphthene
Concen: 38.392 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

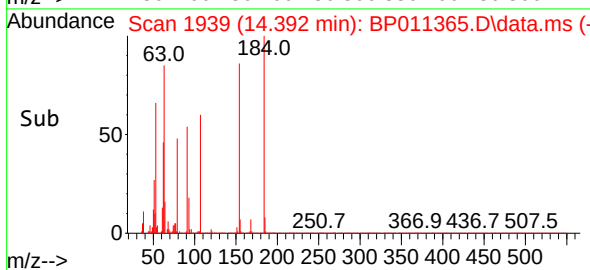
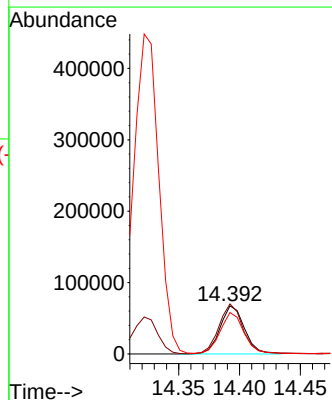
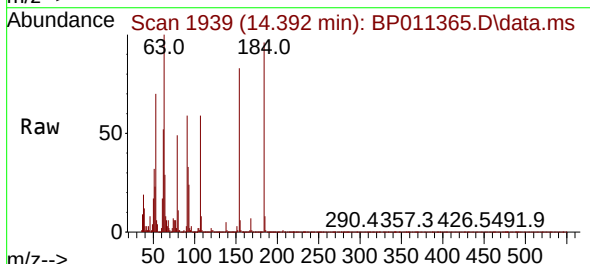
Instrument :
BNA_P
ClientSampleId :

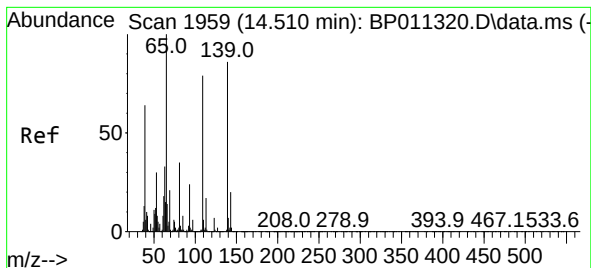
Tgt Ion:153 Resp: 747041
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 86.6 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 47.426 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:184 Resp: 93696
Ion Ratio Lower Upper
184 100
63 103.9 75.0 112.6
154 86.1 53.1 79.7#

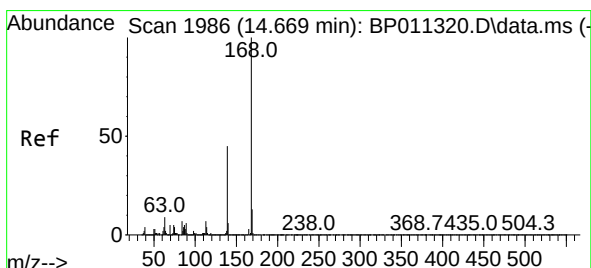
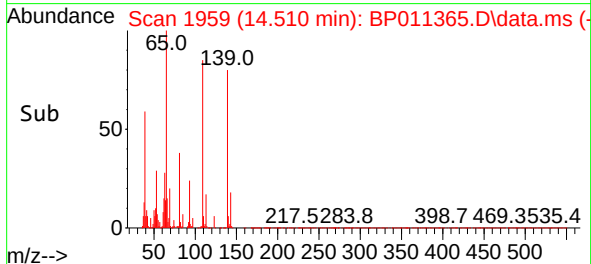
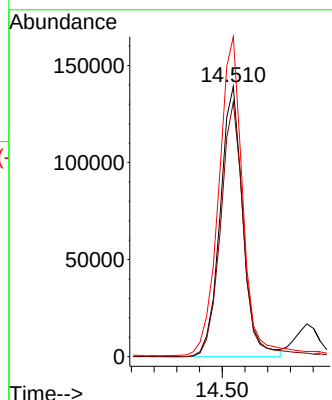
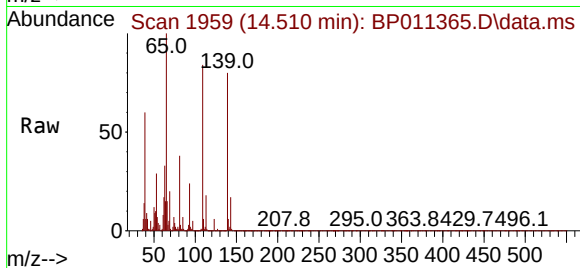




#55
4-Nitrophenol
Concen: 54.187 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

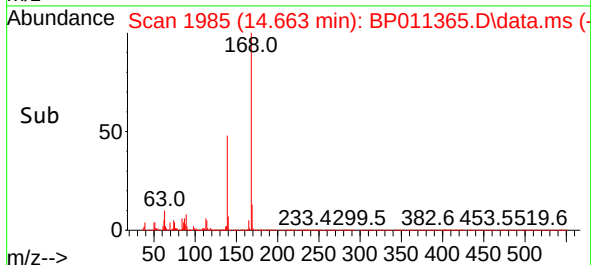
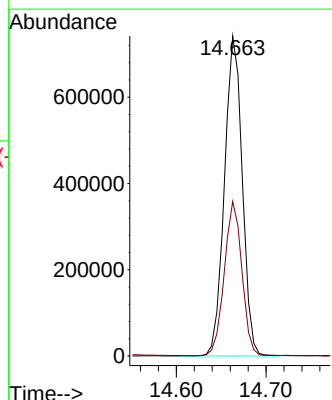
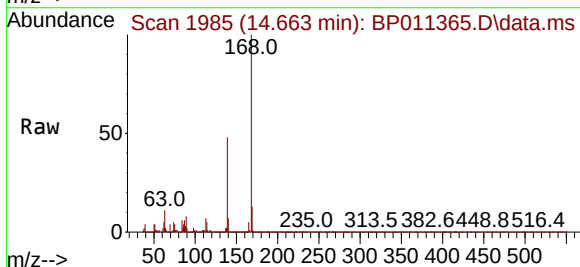
Instrument :
BNA_P
ClientSampleId :

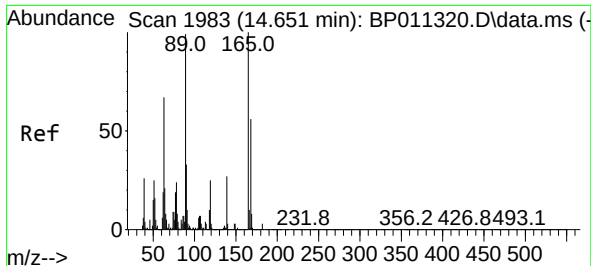
Tgt Ion:109 Resp: 193043
Ion Ratio Lower Upper
109 100
139 94.3 100.6 150.8#
65 118.4 122.6 184.0#



#56
Dibenzofuran
Concen: 38.784 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:168 Resp: 1023096
Ion Ratio Lower Upper
168 100
139 48.3 34.2 51.2

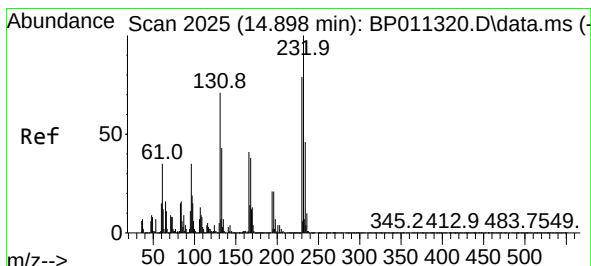
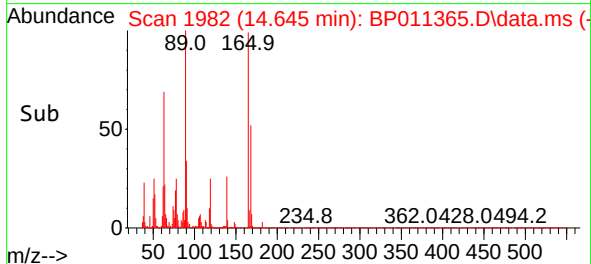
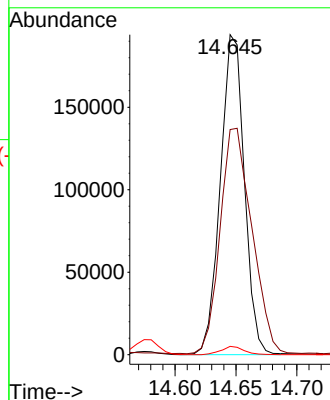
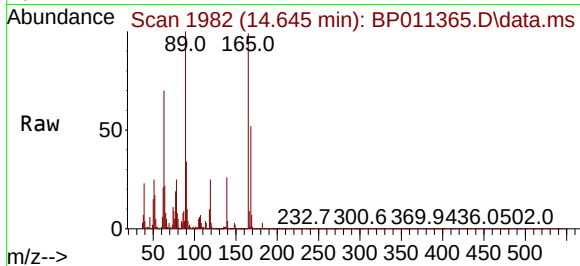




#57
2,4-Dinitrotoluene
Concen: 52.114 ng/ul
RT: 14.645 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

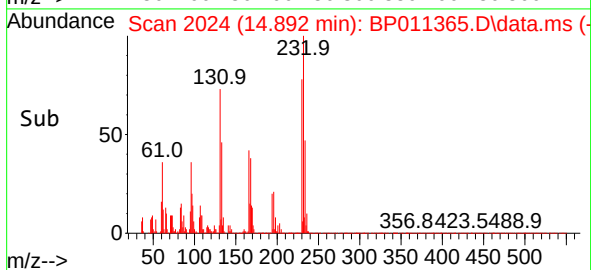
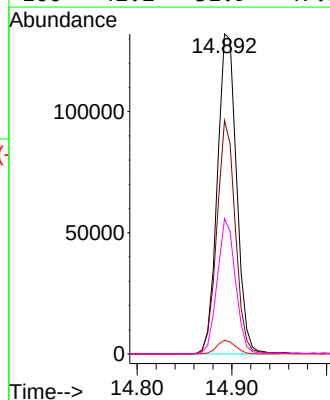
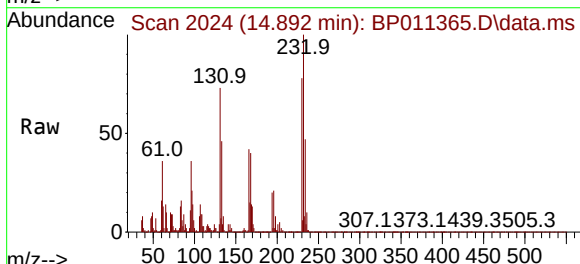
Instrument :
BNA_P
ClientSampleId :

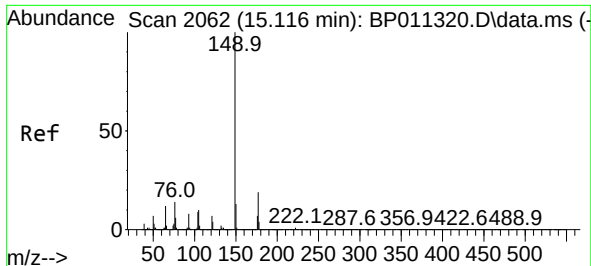
Tgt Ion:165 Resp: 265980
Ion Ratio Lower Upper
165 100
63 70.3 50.6 75.8
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 46.493 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:232 Resp: 186333
Ion Ratio Lower Upper
232 100
131 73.0 50.4 75.6
130 4.3 2.6 3.8#
166 42.2 31.9 47.9

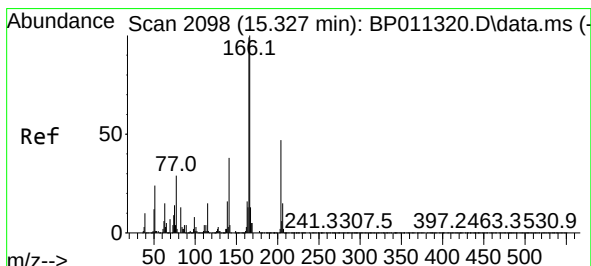
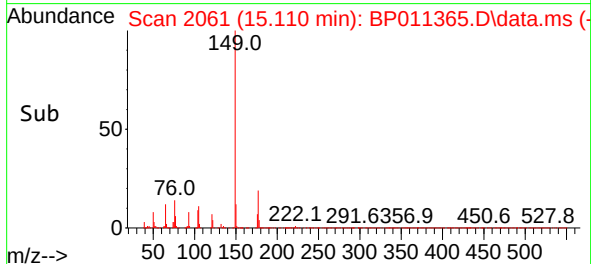
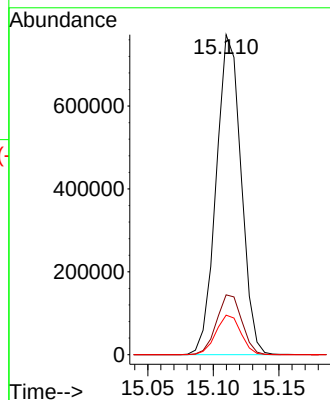
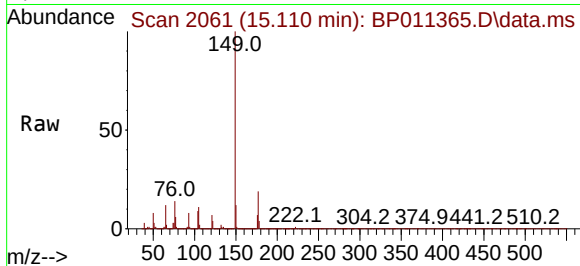




#59
Diethylphthalate
Concen: 46.154 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

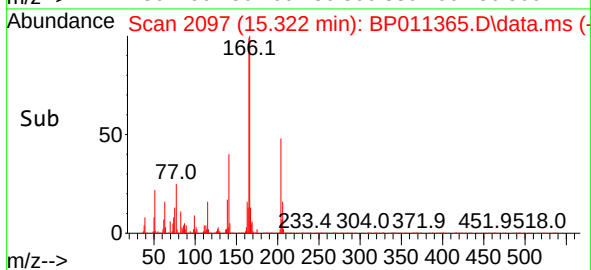
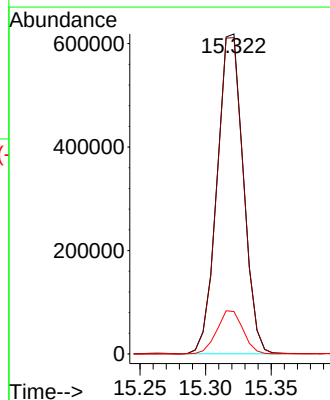
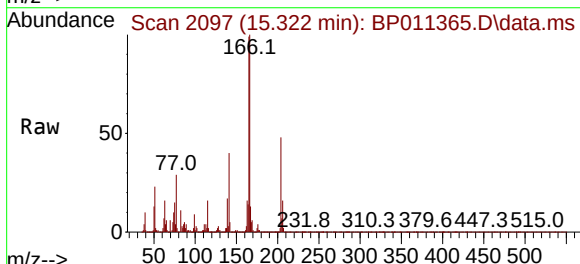
Instrument :
BNA_P
ClientSampleId :

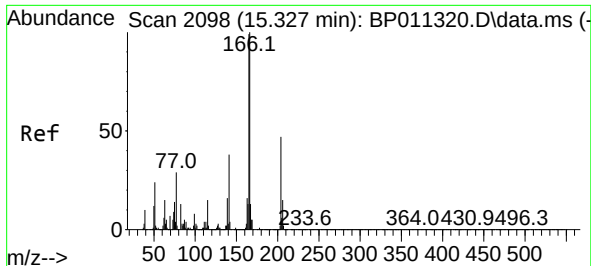
Tgt Ion:149 Resp: 1018229
Ion Ratio Lower Upper
149 100
177 18.7 16.1 24.1
150 12.4 9.4 14.0



#61
Fluorene
Concen: 40.159 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:166 Resp: 860330
Ion Ratio Lower Upper
166 100
165 98.8 77.7 116.5
167 13.3 11.0 16.4

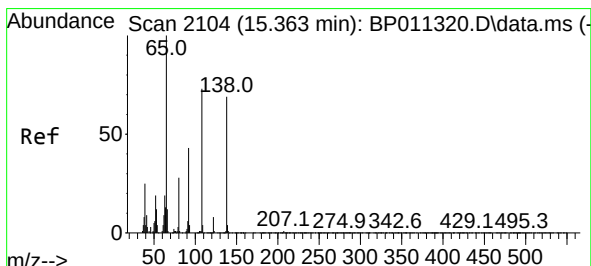
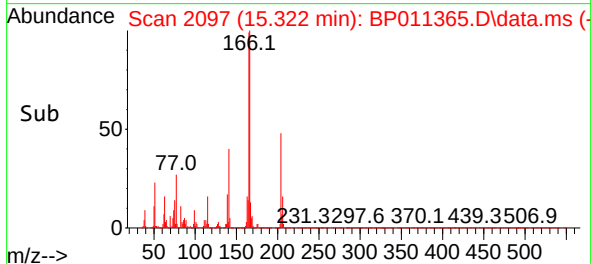
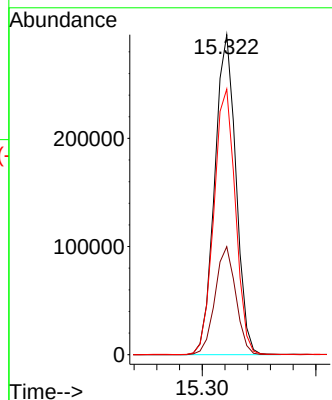
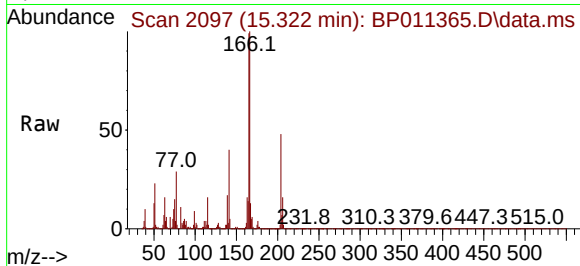




#62
4-Chlorophenyl-phenylether
Concen: 41.076 ng/ul
RT: 15.322 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

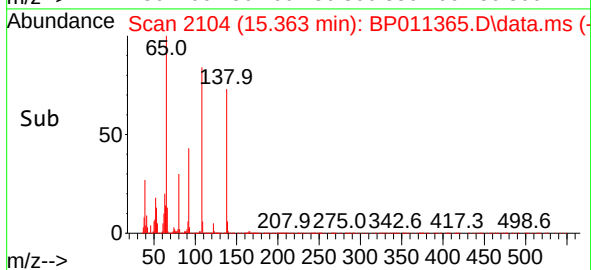
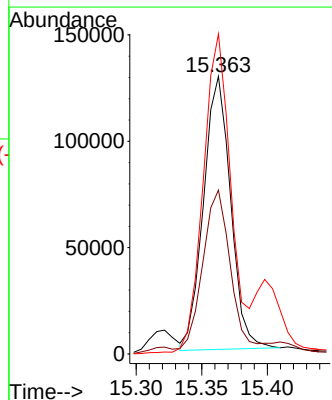
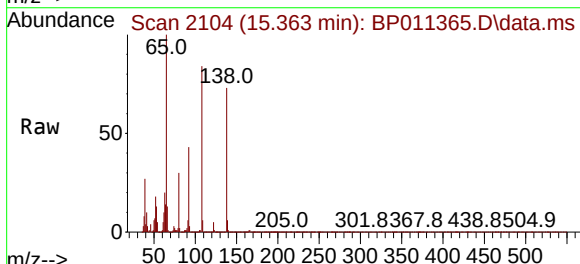
Instrument :
BNA_P
ClientSampleId :

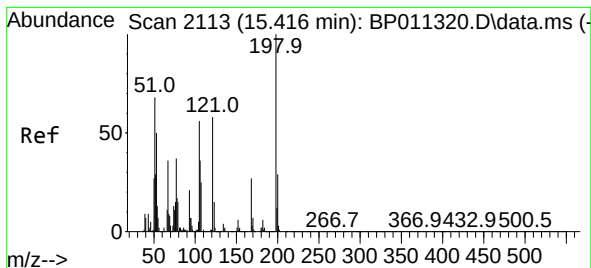
Tgt Ion:204 Resp: 384662
Ion Ratio Lower Upper
204 100
206 33.7 27.3 40.9
141 83.0 57.7 86.5



#63
4-Nitroaniline
Concen: 51.870 ng/ul
RT: 15.363 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:138 Resp: 184875
Ion Ratio Lower Upper
138 100
92 59.0 55.9 83.9
108 115.3 67.1 100.7#

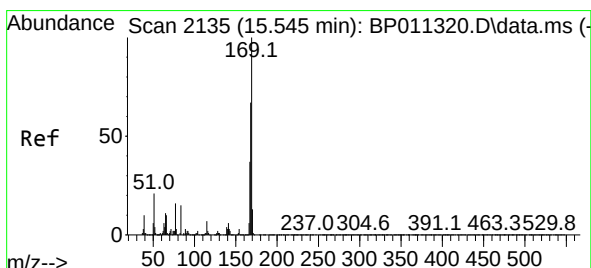
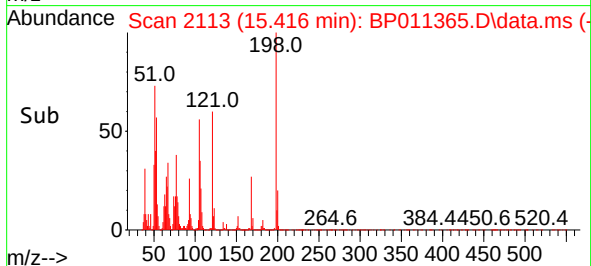
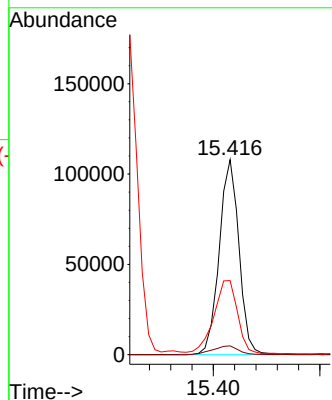
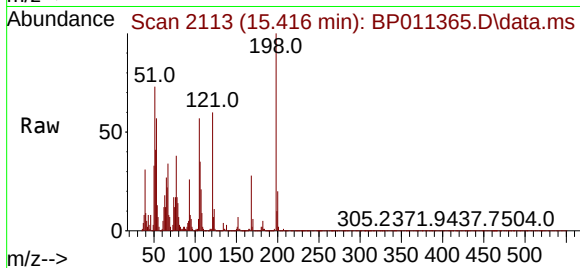




#66
 4,6-Dinitro-2-methylphenol
 Concen: 48.592 ng/ul
 RT: 15.416 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: BP011365.D
 Acq: 10 Aug 2022 12:18

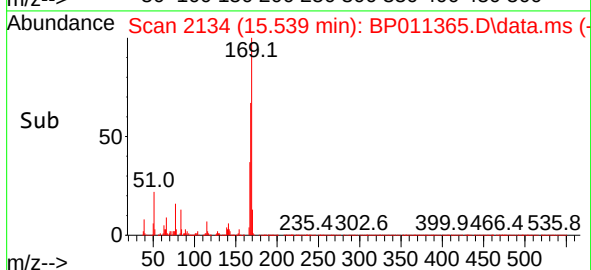
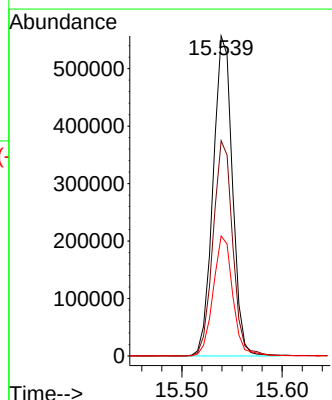
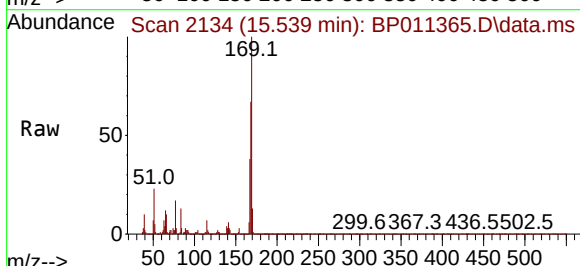
Instrument :
 BNA_P
 ClientSampleId :

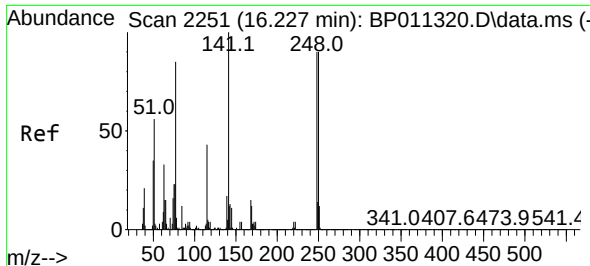
Tgt Ion:198 Resp: 138467
 Ion Ratio Lower Upper
 198 100
 182 4.5 7.4 11.0#
 77 38.0 28.6 42.8



#67
 N-Nitrosodiphenylamine
 Concen: 42.398 ng/ul
 RT: 15.539 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BP011365.D
 Acq: 10 Aug 2022 12:18

Tgt Ion:169 Resp: 744368
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.6 80.4
 167 37.5 30.0 45.0

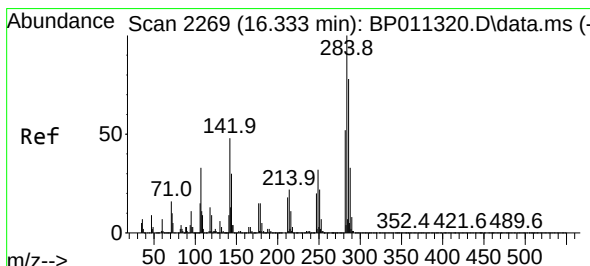
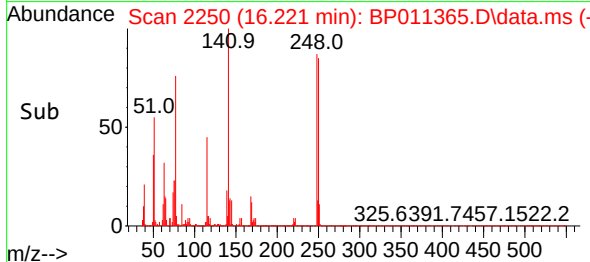
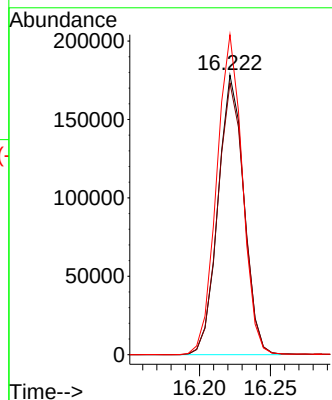
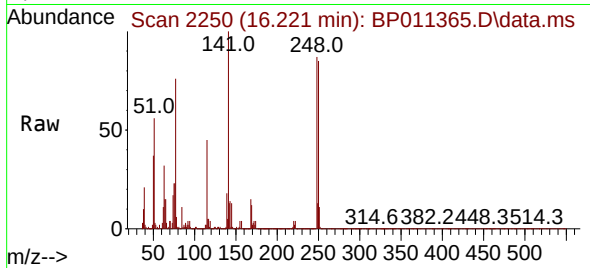




#68
4-Bromophenyl-phenylether
Concen: 42.863 ng/ul
RT: 16.221 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

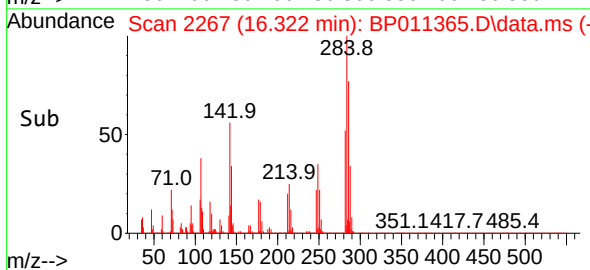
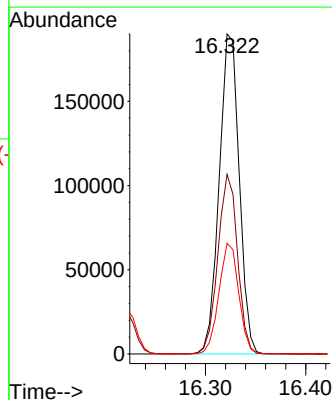
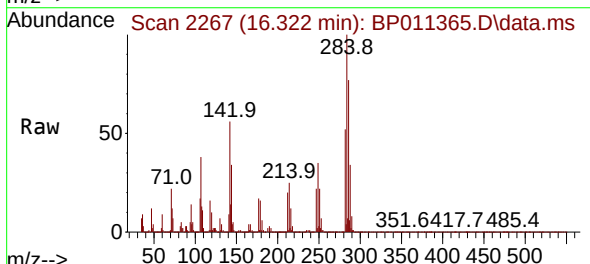
Instrument :
BNA_P
ClientSampleId :

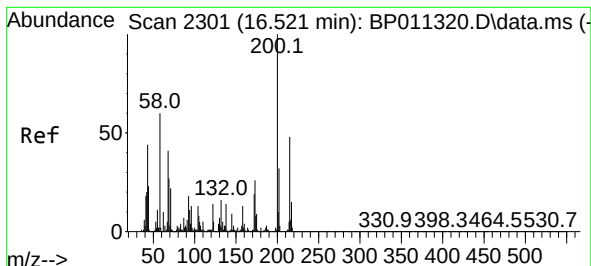
Tgt Ion:248 Resp: 225985
Ion Ratio Lower Upper
248 100
250 97.2 77.3 115.9
141 114.5 76.4 114.6



#69
Hexachlorobenzene
Concen: 42.796 ng/ul
RT: 16.322 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:284 Resp: 263598
Ion Ratio Lower Upper
284 100
142 56.1 39.5 59.3
249 34.6 25.1 37.7





#70

Atrazine

Concen: 39.978 ng/ul

RT: 16.516 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

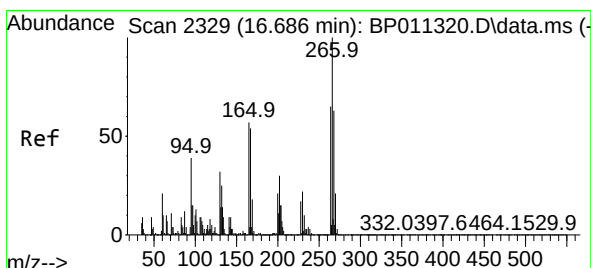
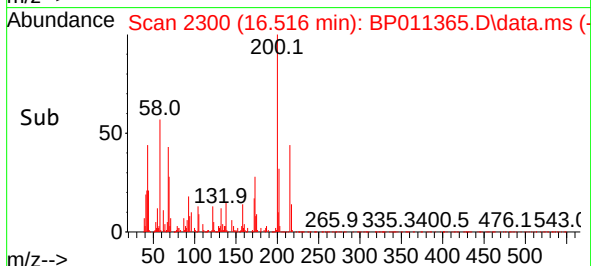
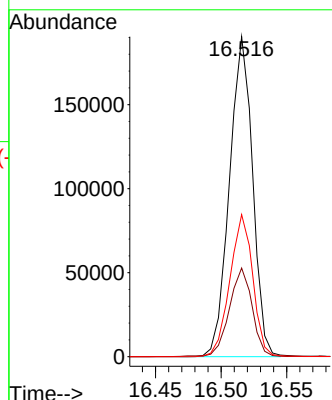
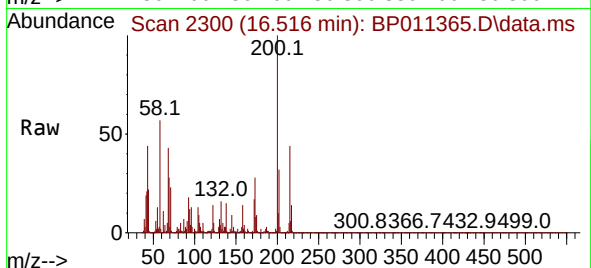
Tgt Ion:200 Resp: 233948

Ion Ratio Lower Upper

200 100

173 27.7 22.6 34.0

215 44.4 36.5 54.7



#71

Pentachlorophenol

Concen: 43.755 ng/ul

RT: 16.680 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

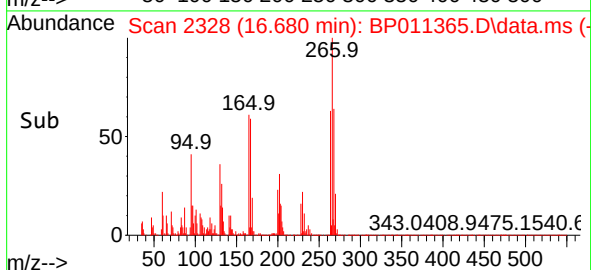
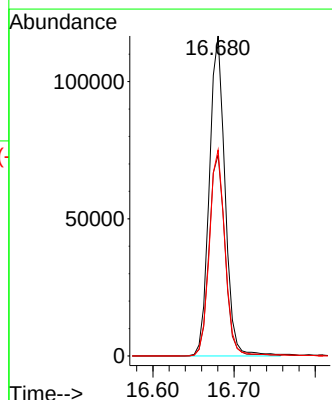
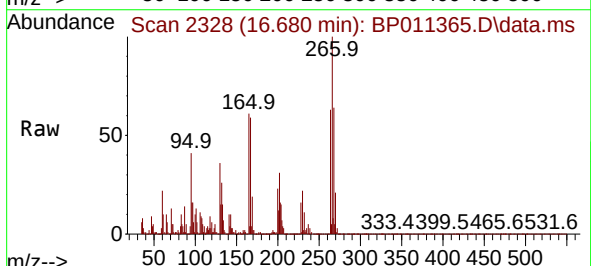
Tgt Ion:266 Resp: 156456

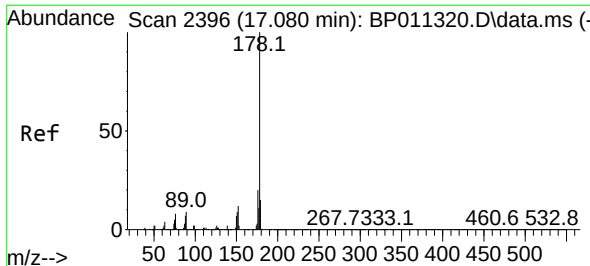
Ion Ratio Lower Upper

266 100

264 62.8 52.2 78.2

268 64.4 50.6 75.8

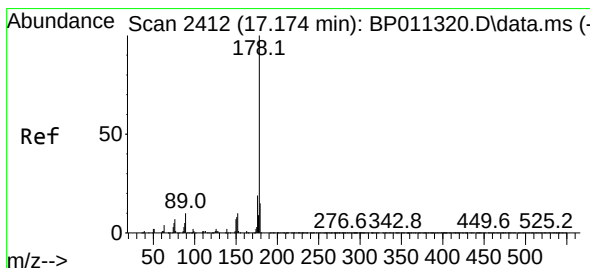
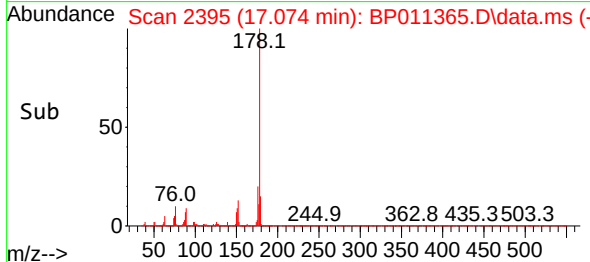
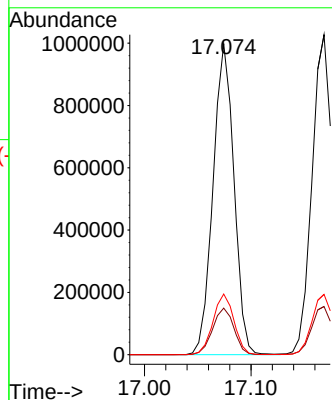
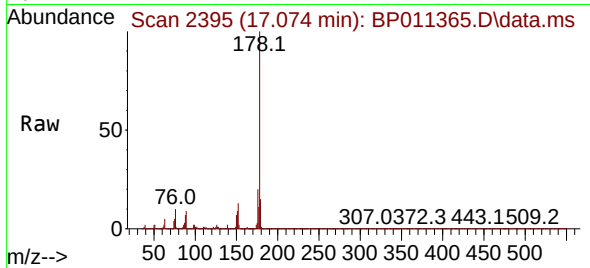




#72
Phenanthrene
Concen: 40.687 ng/ul
RT: 17.074 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

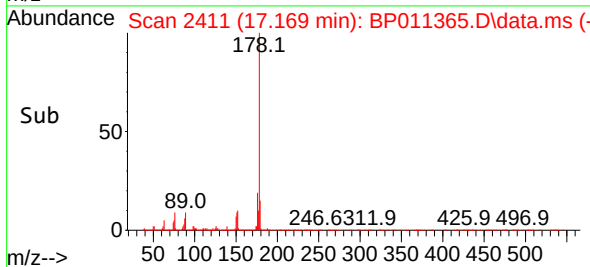
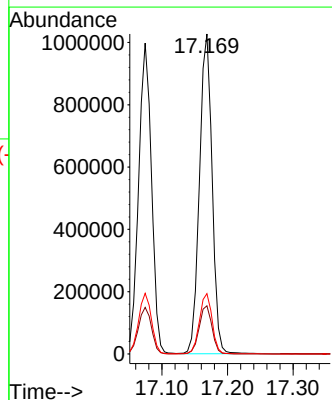
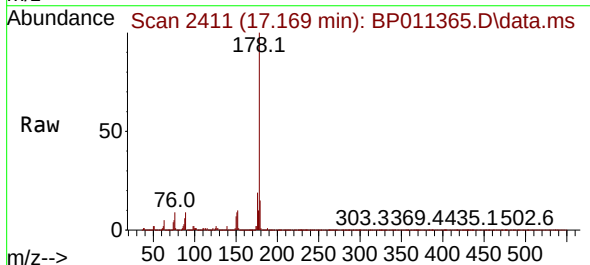
Instrument :
BNA_P
ClientSampleId :

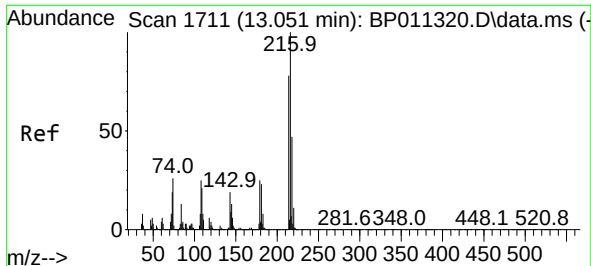
Tgt Ion:178 Resp: 1359270
Ion Ratio Lower Upper
178 100
179 15.0 12.1 18.1
176 19.5 15.4 23.2



#74
Anthracene
Concen: 41.466 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:178 Resp: 1379080
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.8 14.7 22.1

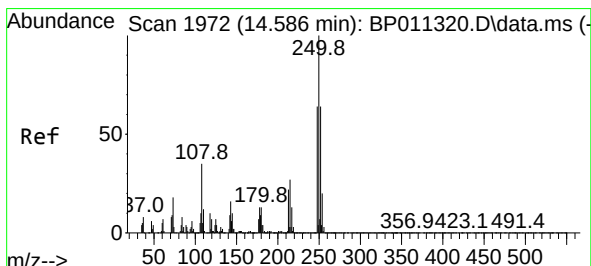
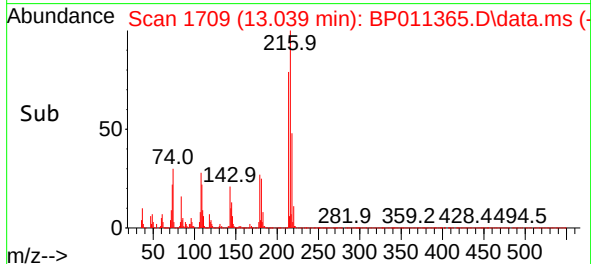
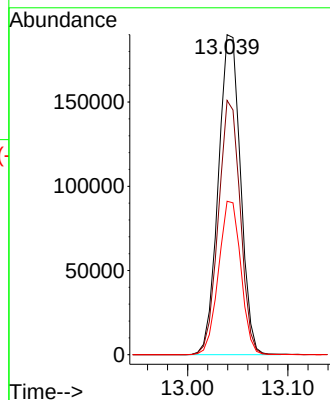
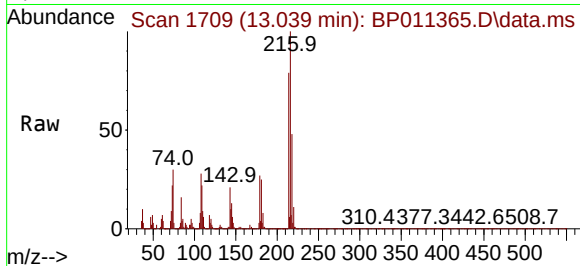




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.089 ng/uL
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

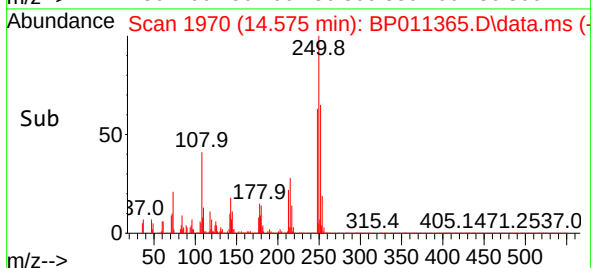
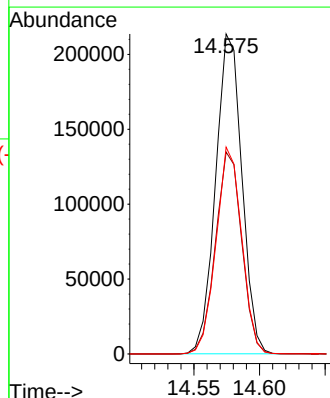
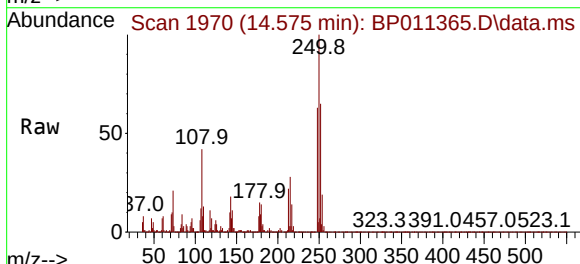
Instrument :
BNA_P
ClientSampleId :

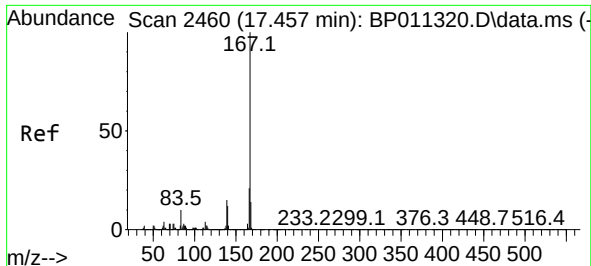
Tgt Ion:216 Resp: 291573
Ion Ratio Lower Upper
216 100
214 79.5 62.0 93.0
218 47.9 38.2 57.4



#76
Pentachlorobenzene
Concen: 39.881 ng/uL
RT: 14.575 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:250 Resp: 297067
Ion Ratio Lower Upper
250 100
248 63.1 49.2 73.8
252 64.6 50.8 76.2

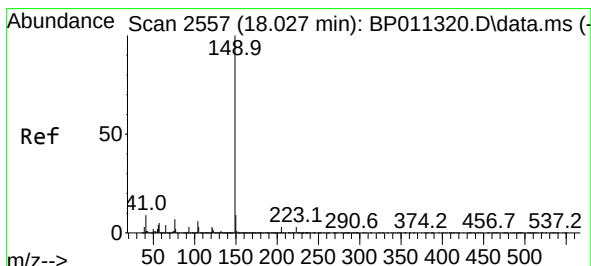
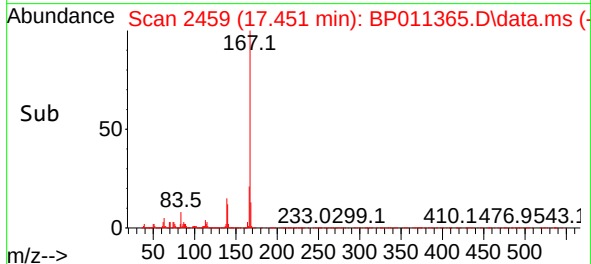
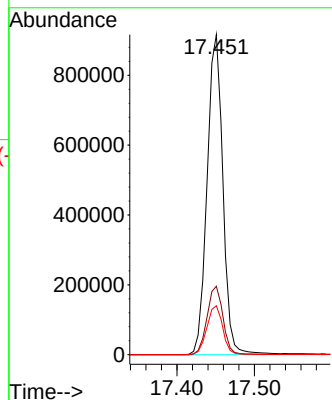
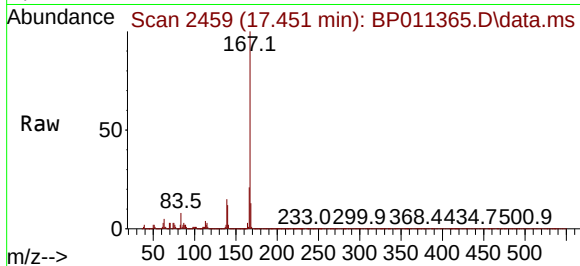




#77
 Carbazole
 Concen: 41.639 ng/ul
 RT: 17.451 min Scan# 2460
 Delta R.T. -0.000 min
 Lab File: BP011365.D
 Acq: 10 Aug 2022 12:18

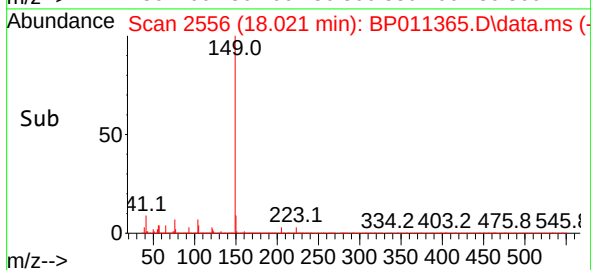
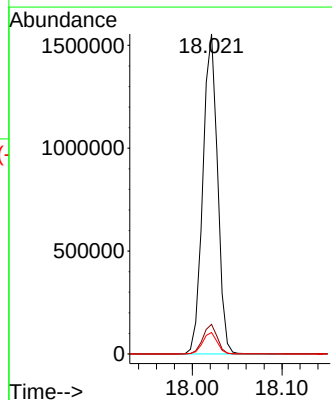
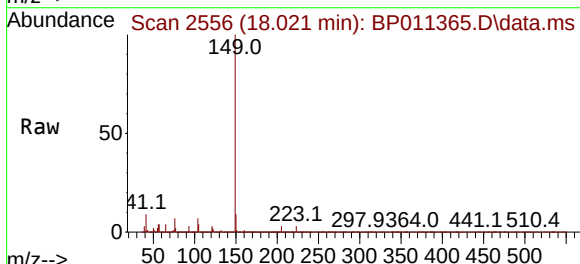
Instrument :
 BNA_P
 ClientSampleId :

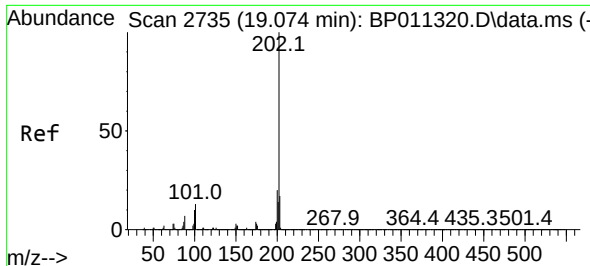
Tgt Ion:167 Resp: 1294053
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 15.3 11.5 17.3



#78
 Di-n-butylphthalate
 Concen: 51.992 ng/ul
 RT: 18.021 min Scan# 2556
 Delta R.T. -0.006 min
 Lab File: BP011365.D
 Acq: 10 Aug 2022 12:18

Tgt Ion:149 Resp: 1766830
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.7 5.1 7.7

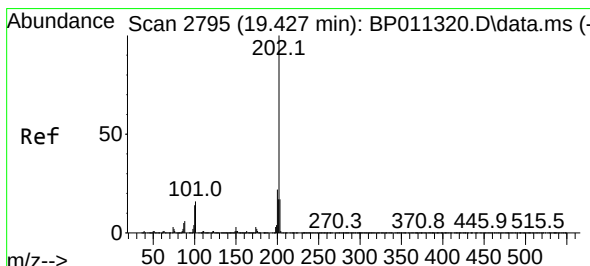
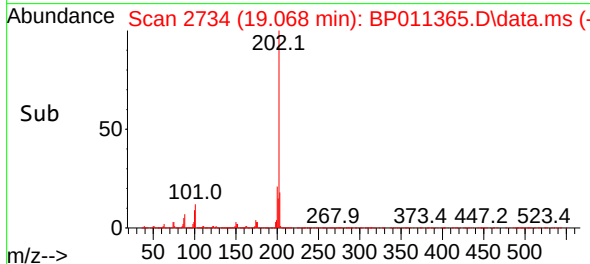
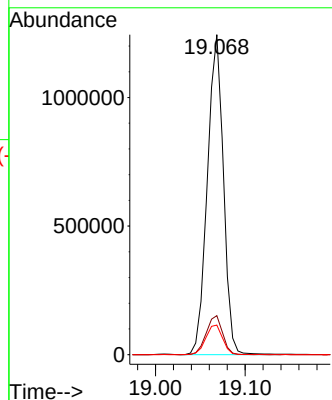
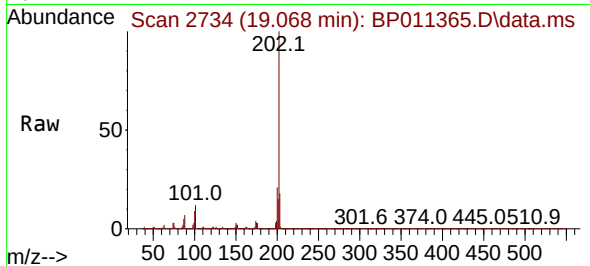




#80
Fluoranthene
Concen: 41.659 ng/ul
RT: 19.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

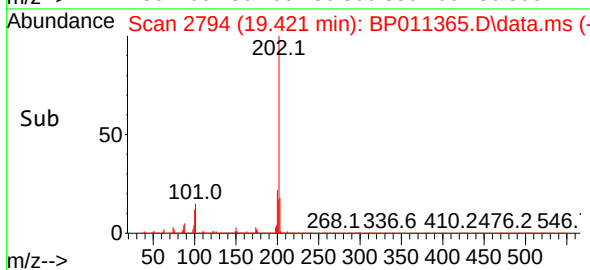
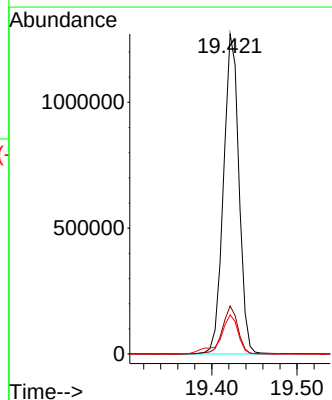
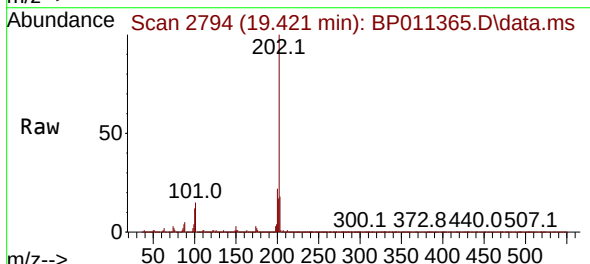
Instrument :
BNA_P
ClientSampleId :

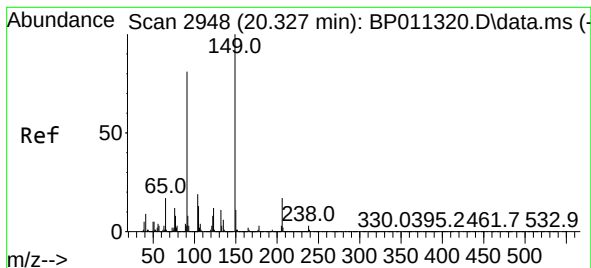
Tgt Ion:202 Resp: 1547163
Ion Ratio Lower Upper
202 100
101 12.2 11.9 17.9
100 9.3 9.3 13.9#



#82
Pyrene
Concen: 40.821 ng/ul
RT: 19.421 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:202 Resp: 1600152
Ion Ratio Lower Upper
202 100
101 15.0 14.3 21.5
100 12.2 11.8 17.6





#83

Butylbenzylphthalate

Concen: 63.342 ng/ul

RT: 20.321 min Scan# 2948

Delta R.T. -0.006 min

Lab File: BP011365.D

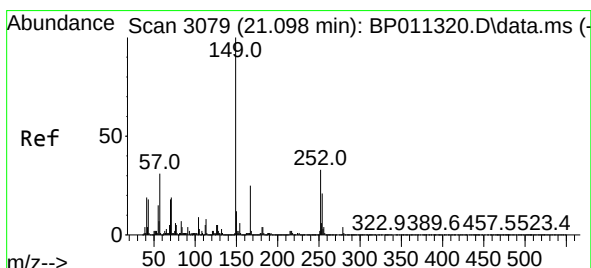
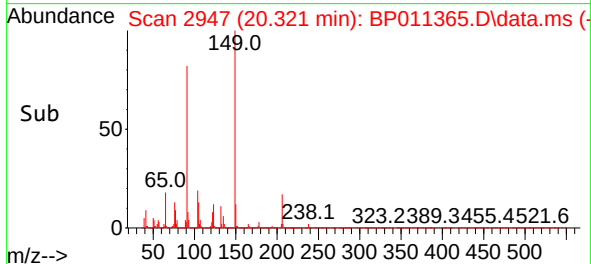
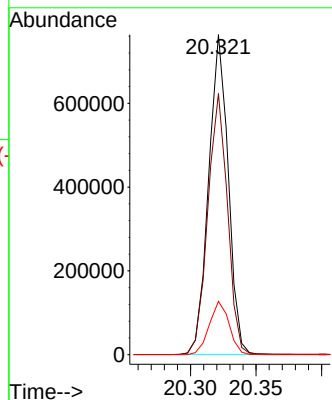
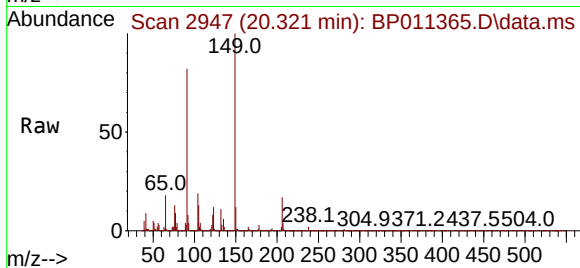
Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149	Resp:	791250
Ion Ratio	Lower	Upper
149	100	
91	81.6	64.2 96.4
206	16.6	14.0 21.0



#84

3,3'-Dichlorobenzidine

Concen: 47.323 ng/ul

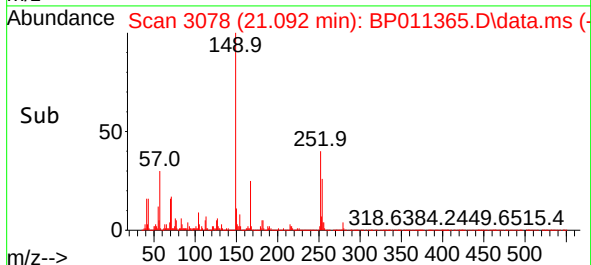
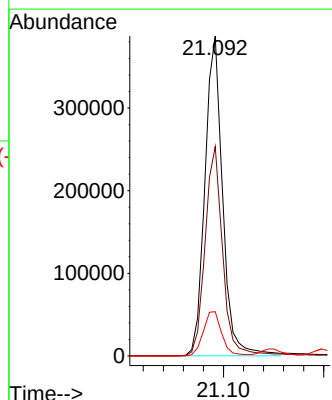
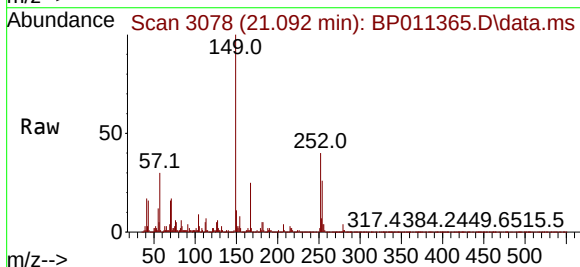
RT: 21.092 min Scan# 3078

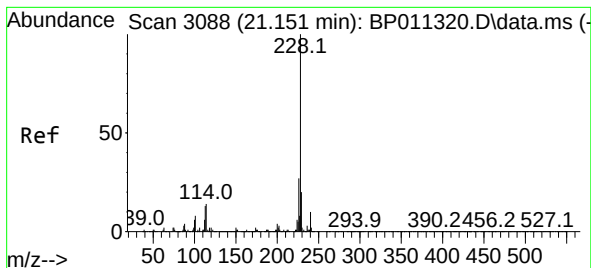
Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Tgt Ion:252	Resp:	476980
Ion Ratio	Lower	Upper
252	100	
254	65.5	51.8 77.6
126	13.9	11.4 17.0





#85

Benzo(a)anthracene

Concen: 41.654 ng/ul

RT: 21.145 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

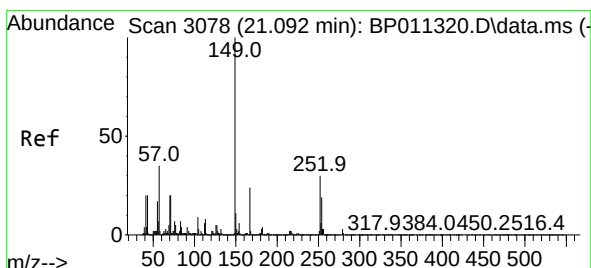
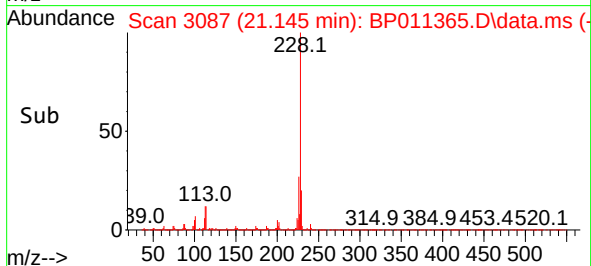
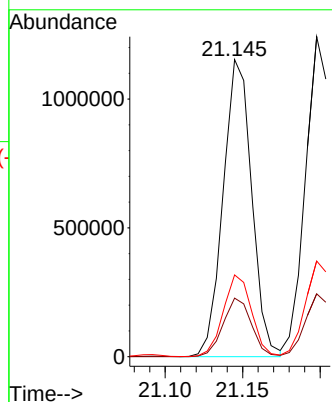
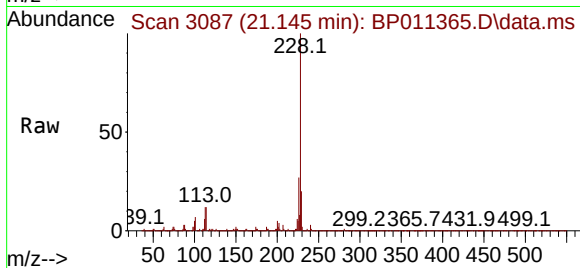
Tgt Ion:228 Resp: 1480005

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.5 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 59.071 ng/ul

RT: 21.086 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

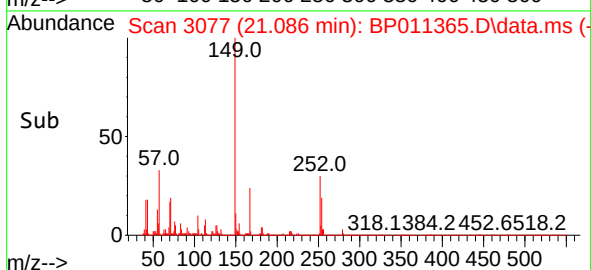
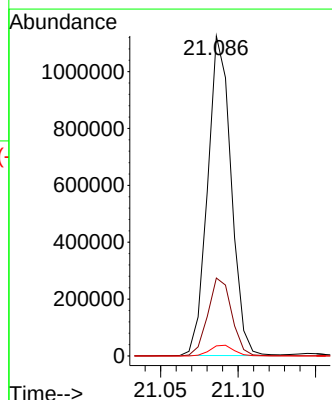
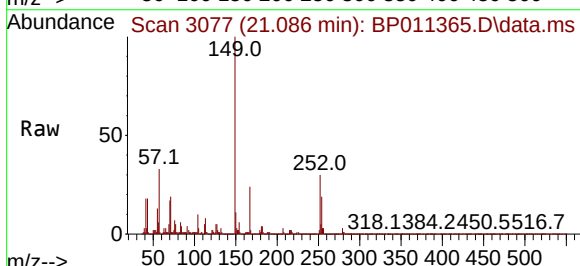
Tgt Ion:149 Resp: 1184564

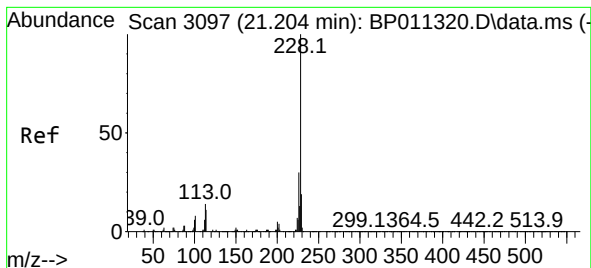
Ion Ratio Lower Upper

149 100

167 24.3 20.4 30.6

279 3.2 2.9 4.3





#87

Chrysene

Concen: 41.324 ng/ul

RT: 21.198 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

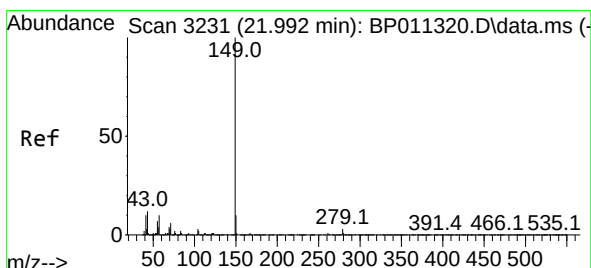
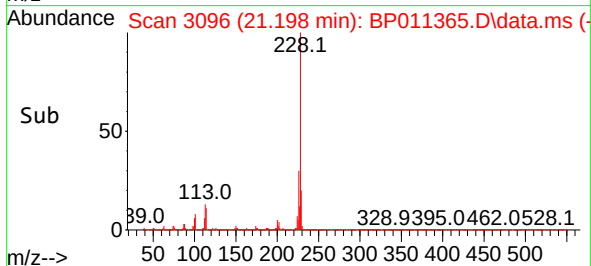
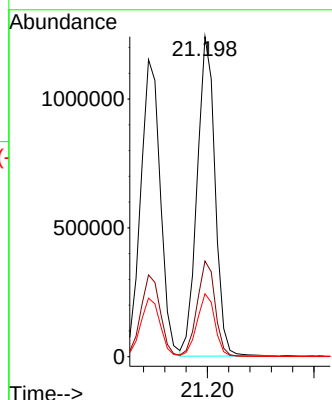
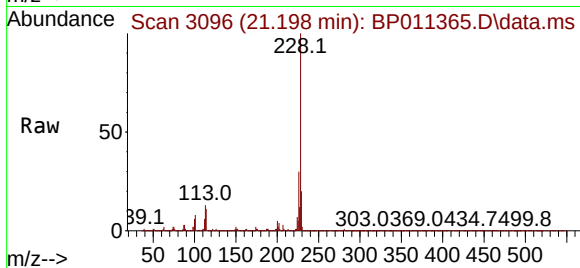
Tgt Ion:228 Resp: 1453476

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 52.286 ng/ul

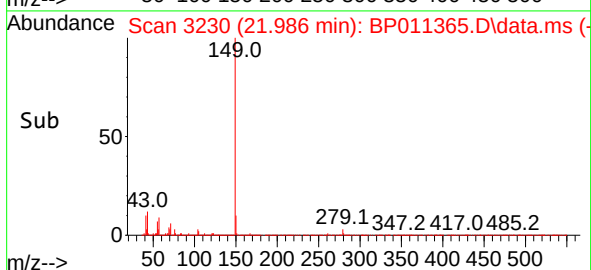
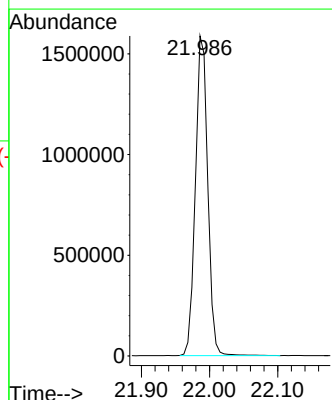
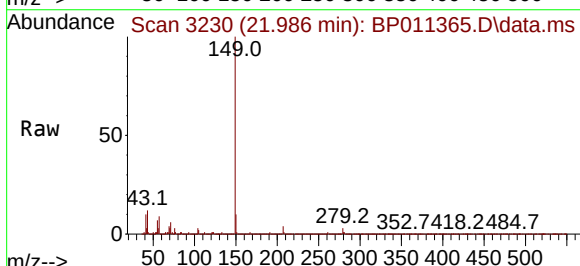
RT: 21.986 min Scan# 3230

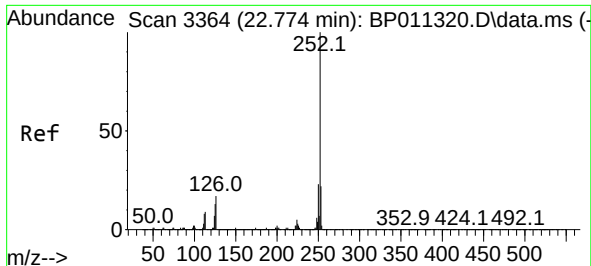
Delta R.T. -0.012 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Tgt Ion:149 Resp: 1985383

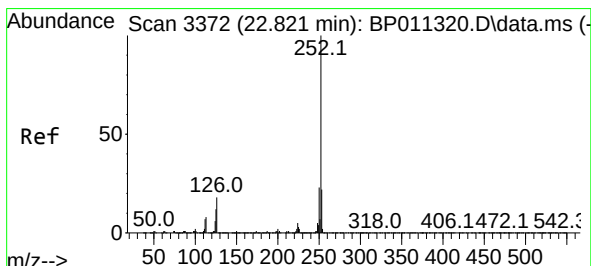
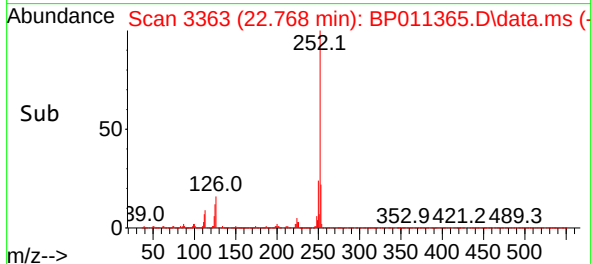
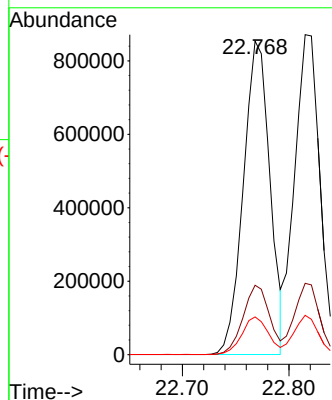
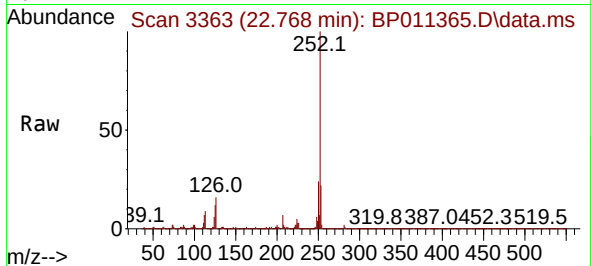




#90
Benzo(b)fluoranthene
Concen: 41.110 ng/ul
RT: 22.768 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

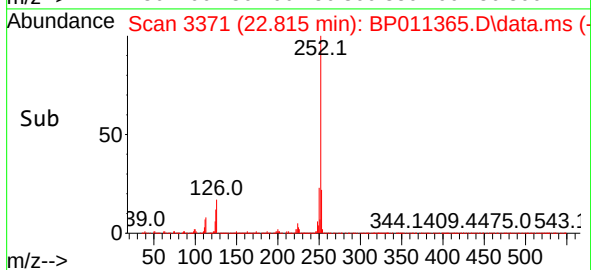
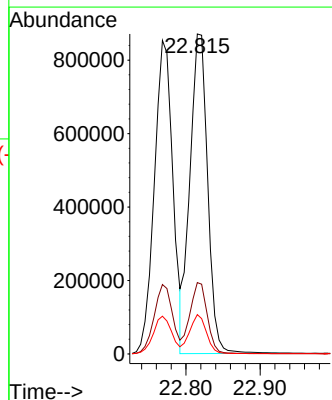
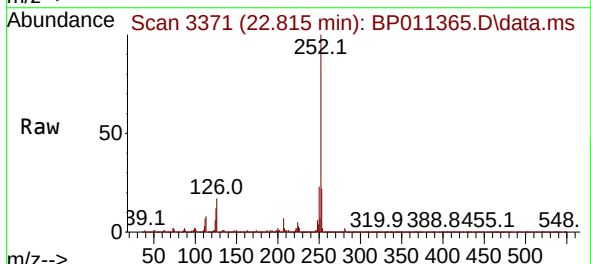
Instrument :
BNA_P
ClientSampleId :

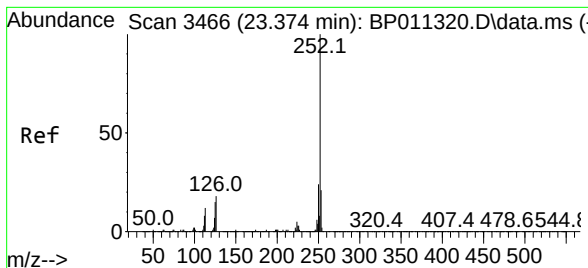
Tgt Ion:252 Resp: 1480764
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 12.0 10.8 16.2



#91
Benzo(k)fluoranthene
Concen: 41.101 ng/ul
RT: 22.815 min Scan# 3371
Delta R.T. -0.006 min
Lab File: BP011365.D
Acq: 10 Aug 2022 12:18

Tgt Ion:252 Resp: 1448483
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.3 11.0 16.6





#93

Benzo(a)pyrene

Concen: 42.146 ng/ul

RT: 23.374 min Scan# 3466

Delta R.T. -0.000 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

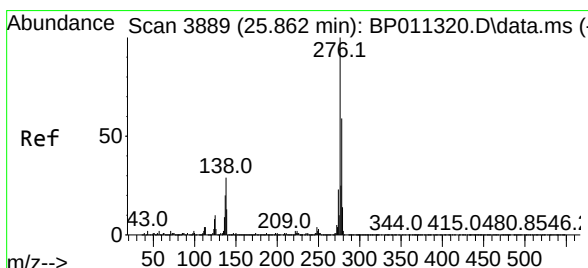
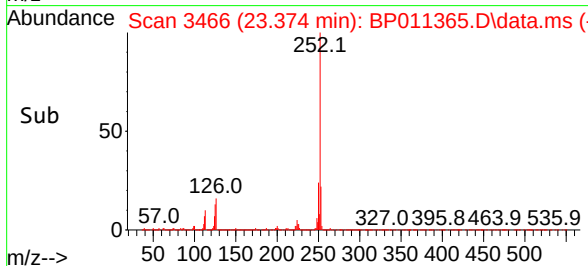
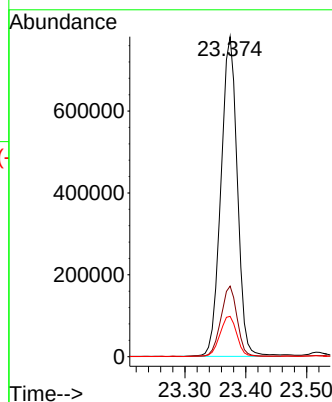
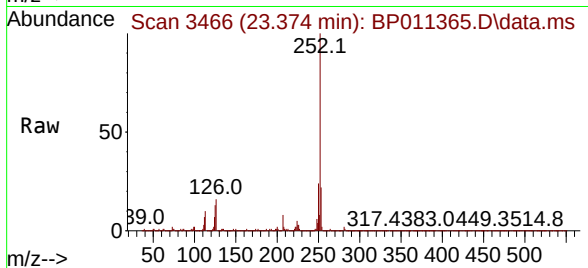
Tgt Ion:252 Resp: 1464172

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 12.6 12.5 18.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 42.317 ng/ul

RT: 25.862 min Scan# 3889

Delta R.T. 0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

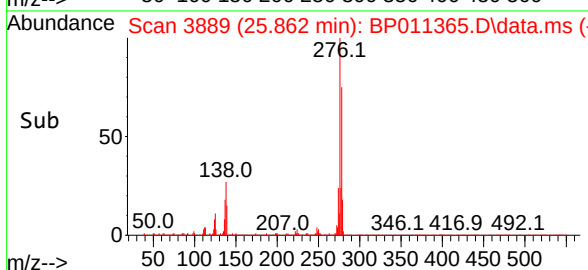
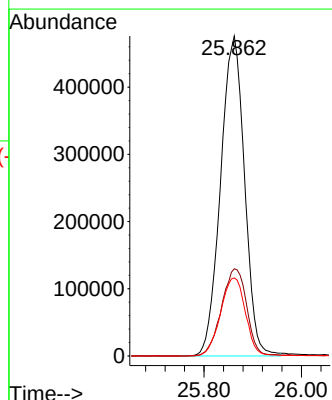
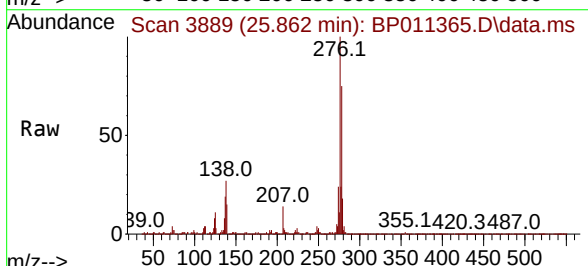
Tgt Ion:276 Resp: 1625204

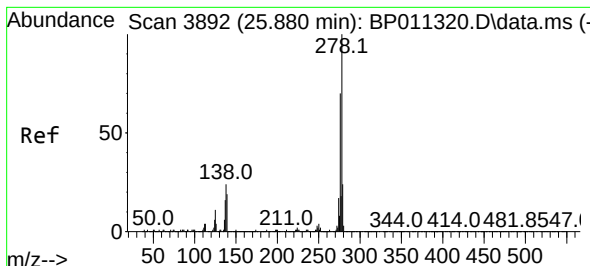
Ion Ratio Lower Upper

276 100

138 27.2 25.5 38.3

277 24.4 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 42.936 ng/ul

RT: 25.880 min Scan# 3892

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Instrument :

BNA_P

ClientSampleId :

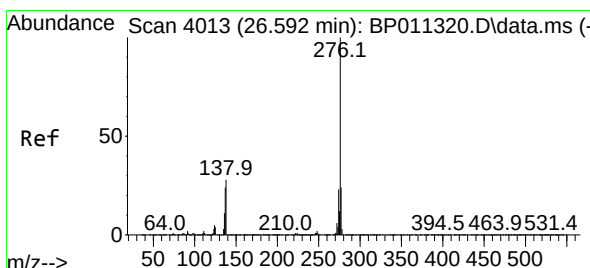
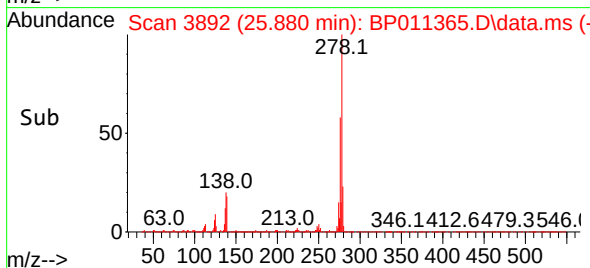
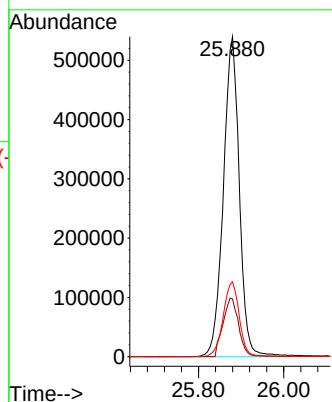
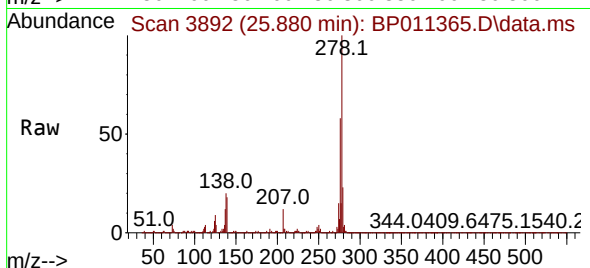
Tgt Ion:278 Resp: 1402396

Ion Ratio Lower Upper

278 100

139 18.0 18.5 27.7#

279 23.4 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 42.553 ng/ul

RT: 26.586 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP011365.D

Acq: 10 Aug 2022 12:18

Tgt Ion:276 Resp: 1379020

Ion Ratio Lower Upper

276 100

138 24.8 22.8 34.2

277 23.2 18.5 27.7

