

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
 Data File : BP011268.D
 Acq On : 04 Aug 2022 17:14
 Operator : CG/JU
 Sample : PB146567BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 04 22:55:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	170766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	787288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	474744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	941592	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	998943	20.000	ng/u1	0.00
88) Perylene-d12	23.486	264	957519	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	7466	3.535	ng/uL	0.00
4) Pyridine-d5	3.499	84	116676	20.481	ng/u1	0.00
7) Phenol-d5	6.787	99	466284	32.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	338385	32.952	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	367369	31.671	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	353300	30.172	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	194160	34.287	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	164996	31.084	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	353416	34.915	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	466315	29.778	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1064384	32.735	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1414148	34.567	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	197249	35.674	ng/u1	0.00
60) Fluorene-d10	15.275	176	985957	35.637	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	147570	33.752	ng/u1	0.00
73) Anthracene-d10	17.145	188	1480444	35.775	ng/u1	0.00
81) Pyrene-d10	19.404	212	1690677	33.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.339	264	1735087	36.364	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	14638	7.515	ng/uL	96
5) Pyridine	3.522	79	121304	21.028	ng/u1	92
6) Benzaldehyde	6.752	77	321261	46.180	ng/u1	97
8) Phenol	6.810	94	504598	33.067	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.040	93	417092	33.311	ng/u1	99
12) 2-Chlorophenol	7.163	128	406947	33.776	ng/u1	99
13) 2-Methylphenol	8.057	108	354446	30.698	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	710515	33.300	ng/u1	98
16) Acetophenone	8.428	105	748439	39.440	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.422	70	313530	33.954	ng/u1	99
18) 4-Methylphenol	8.393	108	424951	34.318	ng/u1	98
19) Hexachloroethane	8.669	117	224884	38.923	ng/u1	98
22) Nitrobenzene	8.804	77	564349	36.366	ng/u1	99
23) Isophorone	9.340	82	895960	32.446	ng/u1	99
25) 2-Nitrophenol	9.516	139	208901	34.010	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	409069	29.437	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	570536	32.817	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	389246	36.797	ng/u1	100
30) Naphthalene	10.440	128	1534417	36.918	ng/u1	99
32) 4-Chloroaniline	10.569	127	549205	34.627	ng/u1	97
33) Hexachlorobutadiene	10.722	225	247836	37.507	ng/u1	99
34) Caprolactam	11.375	113	93315	29.782	ng/u1	96
35) 4-Chloro-3-methylphenol	11.710	107	436319	36.472	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	954781	36.765	ng/u1	99

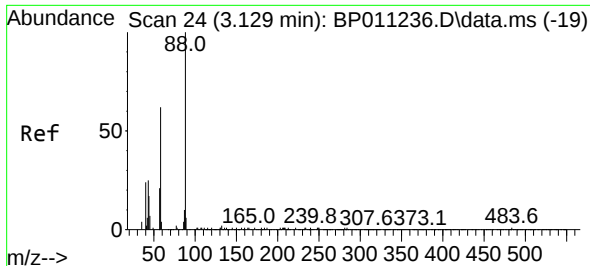
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	968888	37.140	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	449928	34.653	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	196383	23.939	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	259635	31.920	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	306233	35.083	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	1299058	34.285	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	987428	34.934	ng/ul	99
45) 2-Nitroaniline	13.363	65	207762	30.558	ng/ul	96
47) Dimethylphthalate	13.745	163	1157071	35.275	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	184822	37.536	ng/ul	96
50) Acenaphthylene	13.992	152	1663568	35.987	ng/ul	100
51) 3-Nitroaniline	14.198	138	194827	35.873	ng/ul	97
52) Acenaphthene	14.339	153	1070647	35.807	ng/ul	97
53) 2,4-Dinitrophenol	14.410	184	83667	28.614	ng/ul	96
55) 4-Nitrophenol	14.522	109	176495	35.371	ng/ul	95
56) Dibenzofuran	14.675	168	1533062	37.466	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	324647	41.866	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	234978	35.651	ng/ul	98
59) Diethylphthalate	15.128	149	1132902	33.466	ng/ul	99
61) Fluorene	15.333	166	1235223	37.887	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	551952	38.337	ng/ul	98
63) 4-Nitroaniline	15.375	138	190216	41.860	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.428	198	153108	33.866	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	986673	35.851	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	298693	35.165	ng/ul	99
69) Hexachlorobenzene	16.339	284	361375	36.421	ng/ul	96
70) Atrazine	16.528	200	242709	29.480	ng/ul	99
71) Pentachlorophenol	16.692	266	190762	32.826	ng/ul	98
72) Phenanthrene	17.086	178	1934197	37.520	ng/ul	99
74) Anthracene	17.180	178	1916524	37.382	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	434498	30.154	ng/ul	99
76) Pentachlorobenzene	14.592	250	445948	36.305	ng/ul	99
77) Carbazole	17.463	167	1744642	37.942	ng/ul	100
78) Di-n-butylphthalate	18.033	149	1703636	29.868	ng/ul	98
80) Fluoranthene	19.080	202	2121503	34.345	ng/ul	100
82) Pyrene	19.433	202	2255907	34.998	ng/ul	99
83) Butylbenzylphthalate	20.333	149	515242	20.934	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.104	252	493787	30.223	ng/ul	99
85) Benzo(a)anthracene	21.157	228	2158943	34.579	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.098	149	942099	22.402	ng/ul	99
87) Chrysene	21.210	228	2124896	34.577	ng/ul	99
89) Di-n-octyl phthalate	22.004	149	1721790	26.373	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	2262411	37.087	ng/ul	98
91) Benzo(k)fluoranthene	22.833	252	2164782	37.825	ng/ul	100
93) Benzo(a)pyrene	23.386	252	2193739	36.943	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.886	276	2552958	36.024	ng/ul	98
95) Dibenzo(a,h)anthracene	25.904	278	2207092	36.726	ng/ul	99
96) Benzo(g,h,i)perylene	26.615	276	2158680	35.546	ng/ul	97

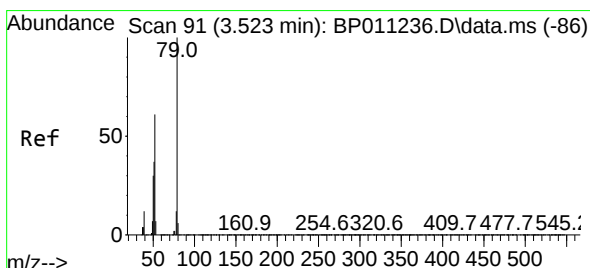
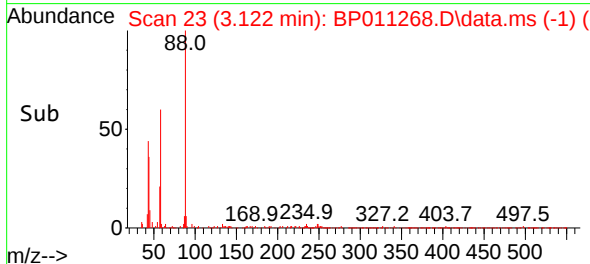
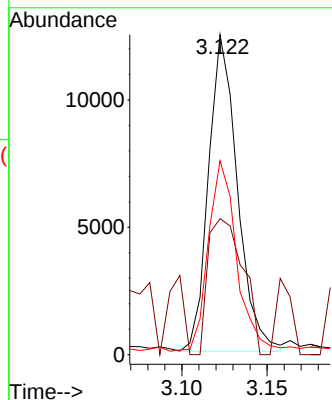
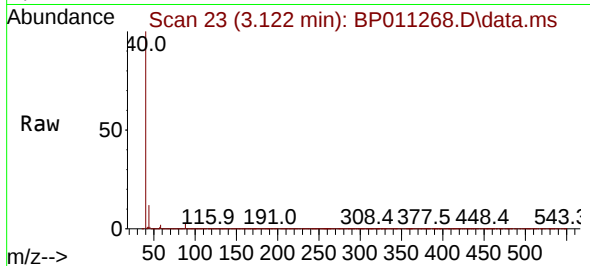
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#2
1,4-Dioxane
Concen: 7.515 ng/uL
RT: 3.122 min Scan# 21
Delta R.T. -0.006 min
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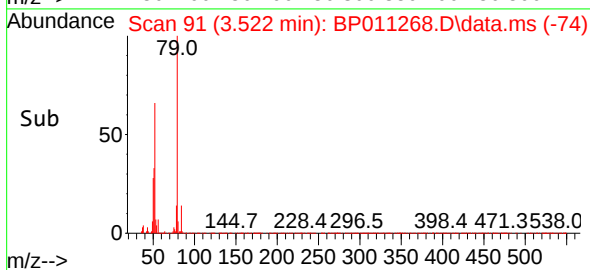
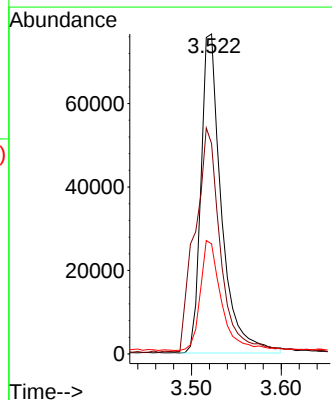
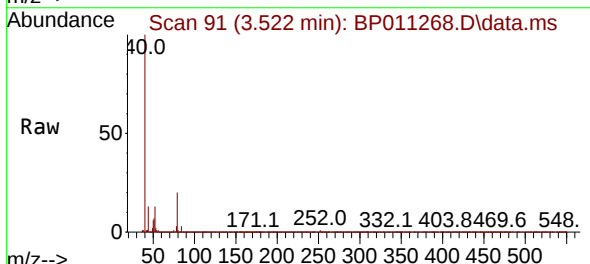
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ClientSampleId :

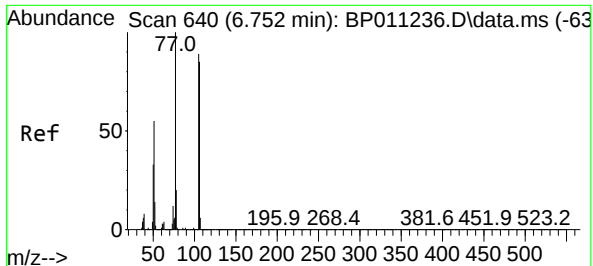
Tgt Ion: 88 Resp: 14638
Ion Ratio Lower Upper
88 100
43 42.5 29.6 44.4
58 60.6 49.1 73.7



#5
Pyridine
Concen: 21.028 ng/uL
RT: 3.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion: 79 Resp: 121304
Ion Ratio Lower Upper
79 100
52 65.7 57.8 86.6
51 34.4 31.5 47.3

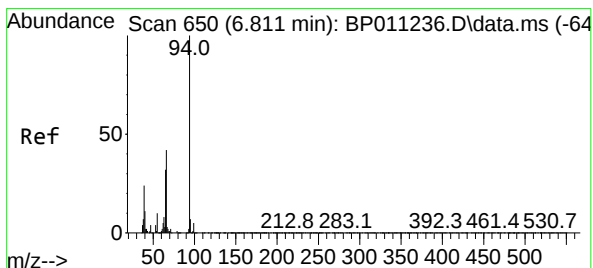
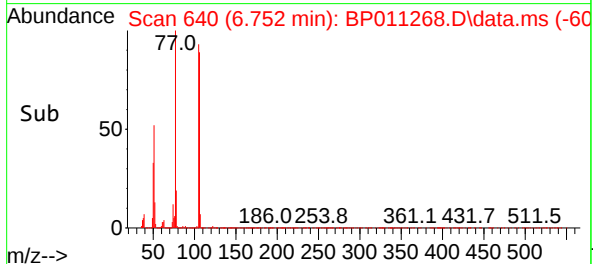
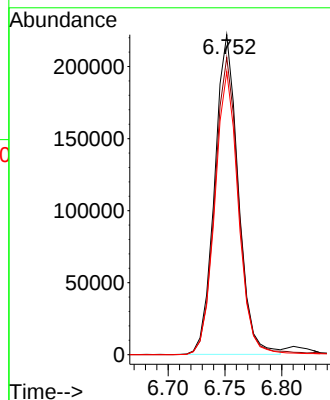
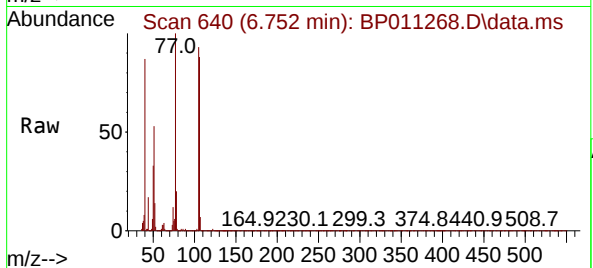




#6
Benzaldehyde
Concen: 46.180 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

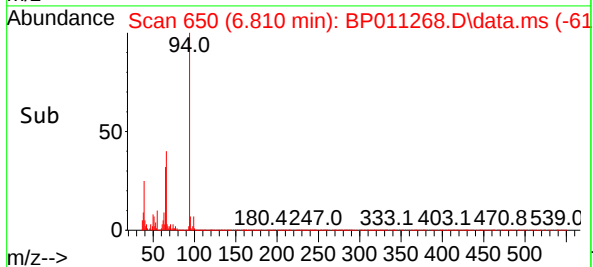
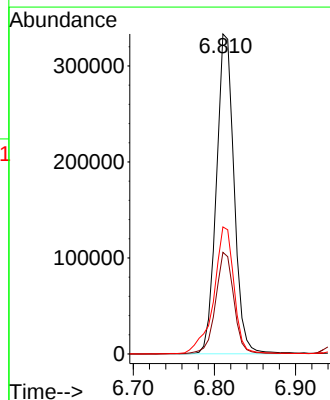
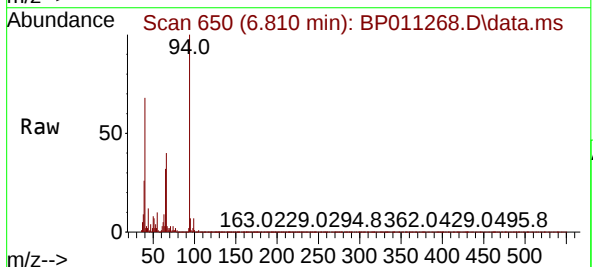
Instrument :
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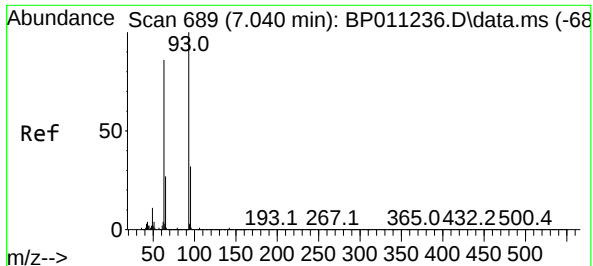
Tgt Ion: 77 Resp: 321261
Ion Ratio Lower Upper
77 100
105 92.9 72.0 108.0
106 88.5 69.4 104.0



#8
Phenol
Concen: 33.067 ng/ul
RT: 6.810 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

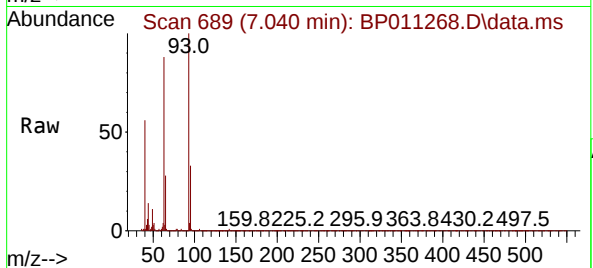
Tgt Ion: 94 Resp: 504598
Ion Ratio Lower Upper
94 100
65 31.7 24.7 37.1
66 39.7 32.6 49.0





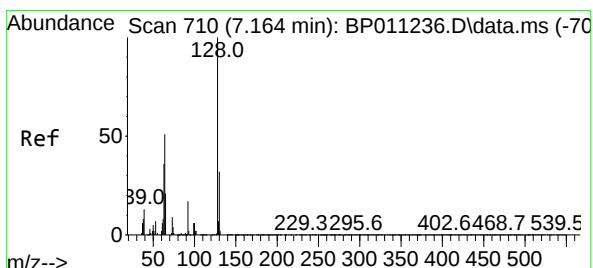
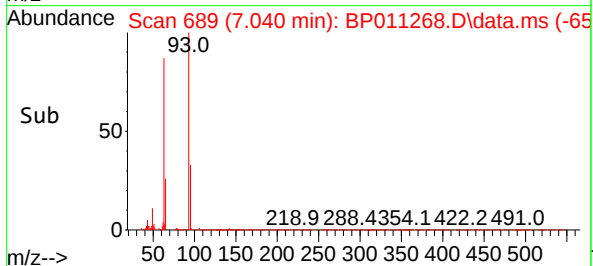
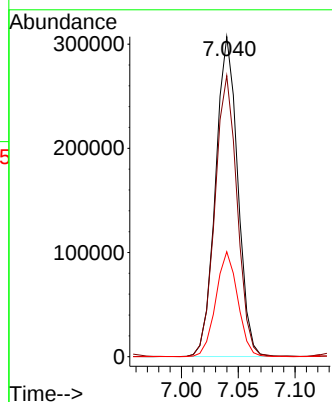
#10
 Bis(2-Chloroethyl)ether
 Concen: 33.311 ng/ul
 RT: 7.040 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: BP011268.D
 Acq: 04 Aug 2022 17:14

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 417092

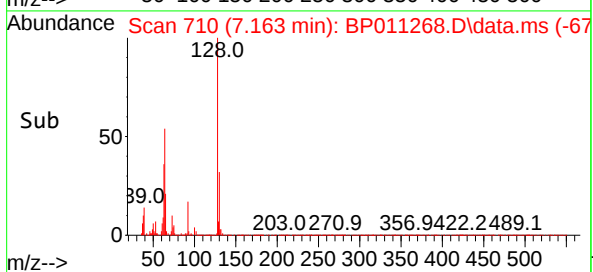
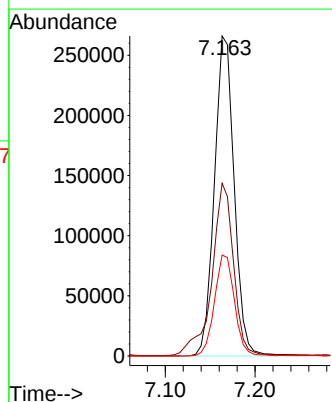
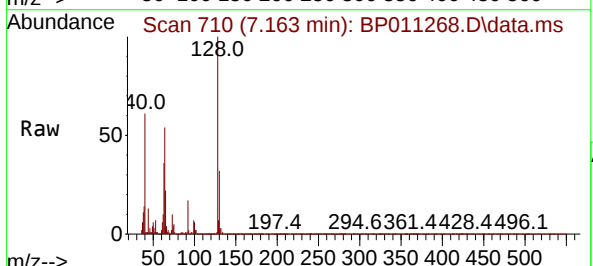
Ion	Ratio	Lower	Upper
93	100		
63	87.8	71.0	106.6
95	32.8	26.0	39.0

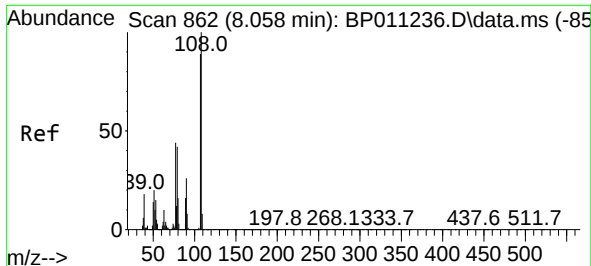


#12
 2-Chlorophenol
 Concen: 33.776 ng/ul
 RT: 7.163 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BP011268.D
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Tgt Ion: 128 Resp: 406947

Ion	Ratio	Lower	Upper
128	100		
64	54.0	43.8	65.6
130	31.6	25.4	38.2

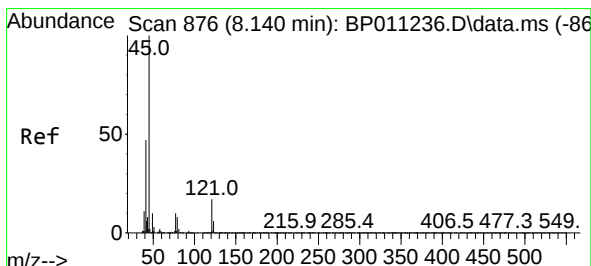
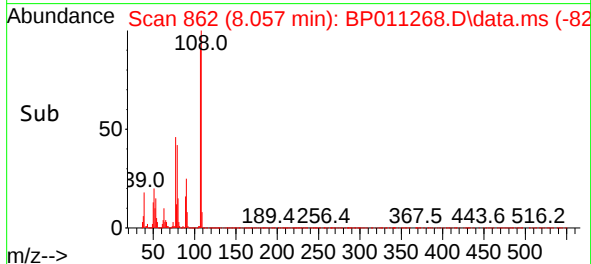
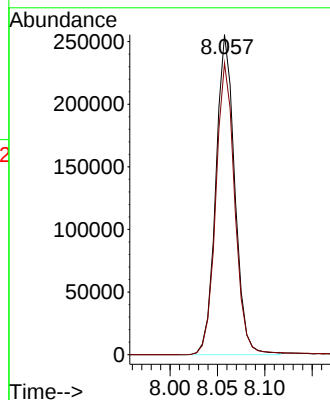
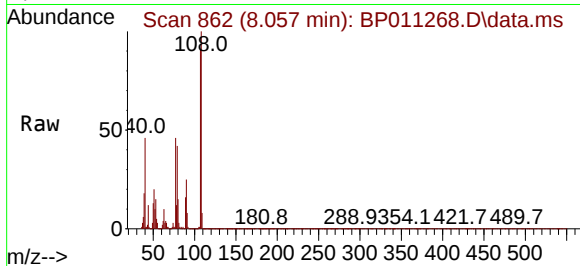




#13
2-Methylphenol
Concen: 30.698 ng/ul
RT: 8.057 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

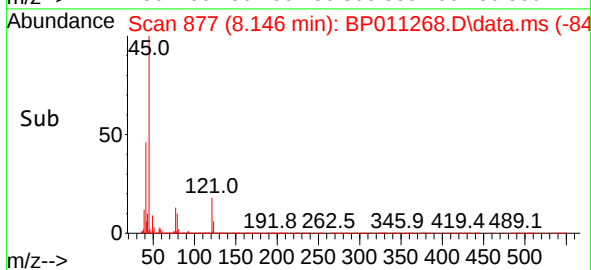
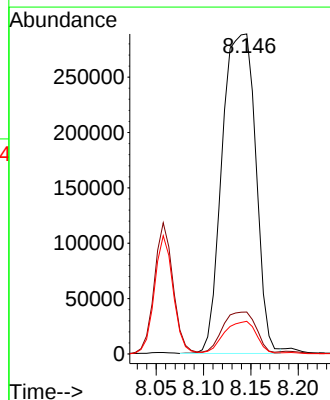
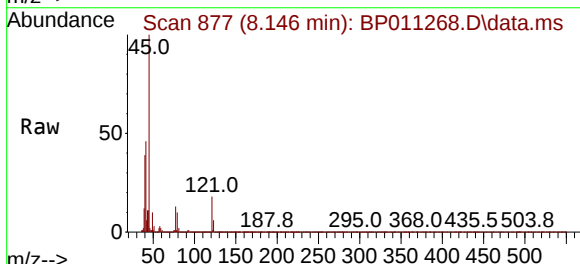
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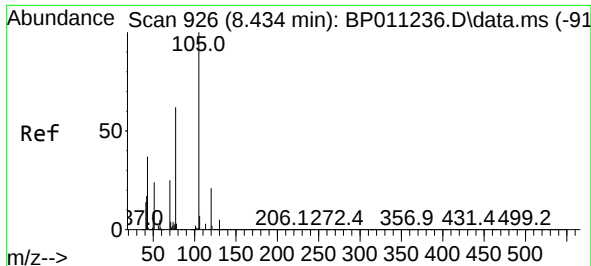
Tgt Ion:108 Resp: 354446
Ion Ratio Lower Upper
108 100
107 91.1 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.300 ng/ul
RT: 8.146 min Scan# 877
Delta R.T. 0.012 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion: 45 Resp: 710515
Ion Ratio Lower Upper
45 100
77 13.1 9.9 14.9
79 10.2 7.2 10.8

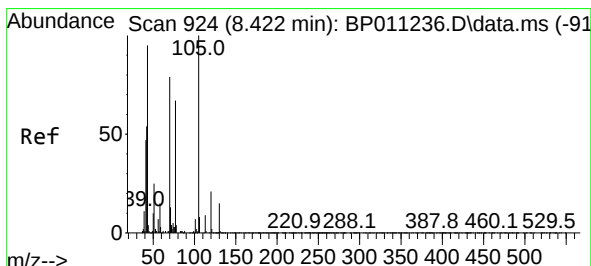
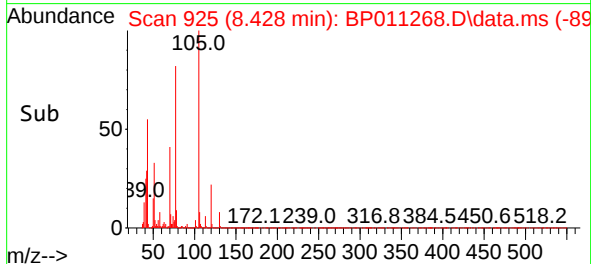
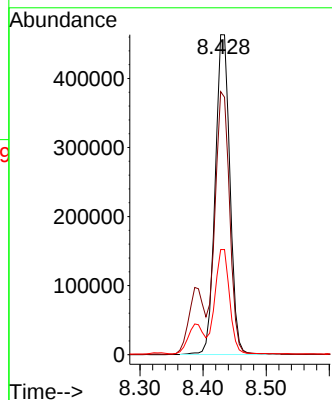
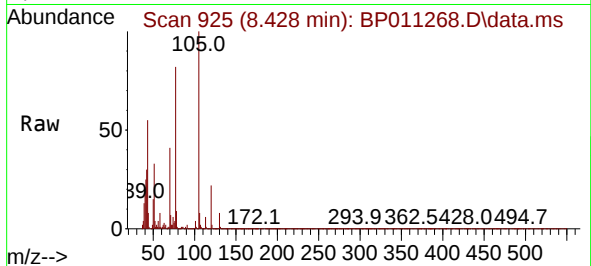




#16
Acetophenone
Concen: 39.440 ng/ul
RT: 8.428 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

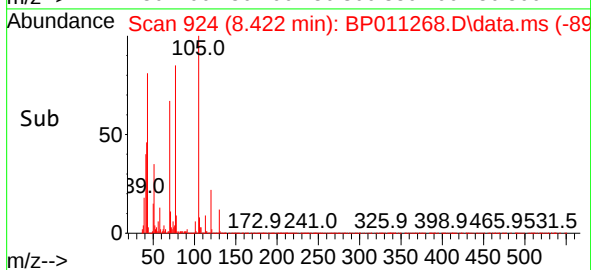
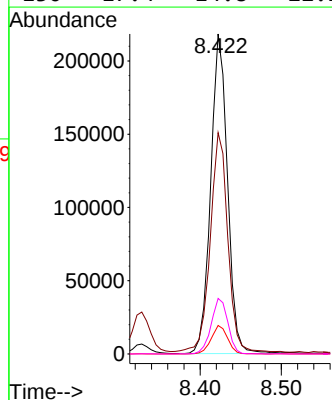
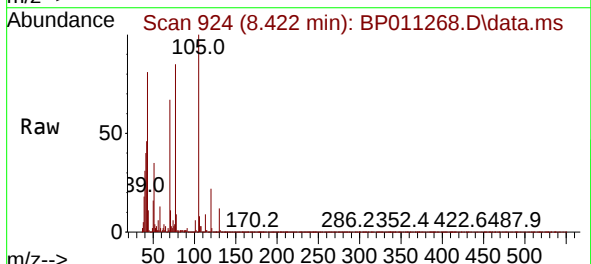
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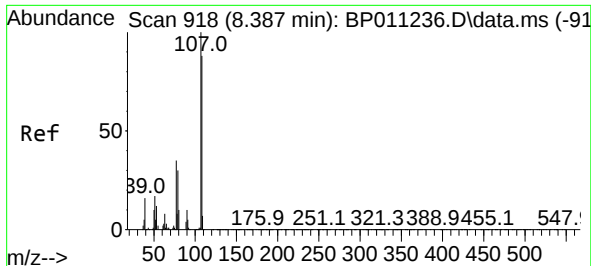
Tgt Ion:105 Resp: 748439
Ion Ratio Lower Upper
105 100
77 82.2 65.4 98.0
51 32.8 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 33.954 ng/ul
RT: 8.422 min Scan# 924
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion: 70 Resp: 313530
Ion Ratio Lower Upper
70 100
42 69.1 55.5 83.3
101 8.9 7.1 10.7
130 17.4 14.8 22.2

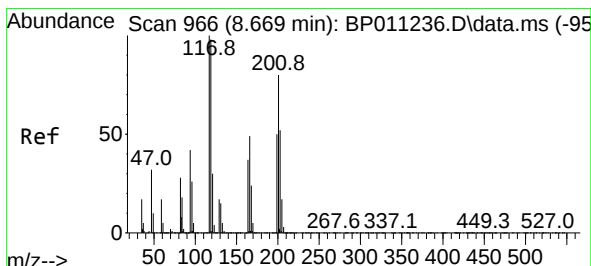
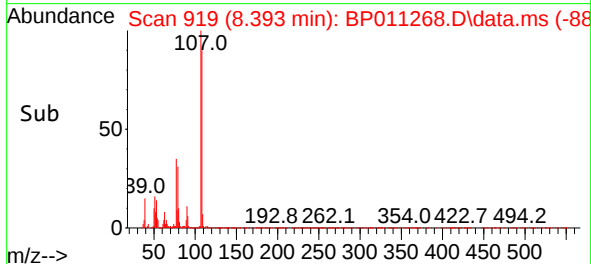
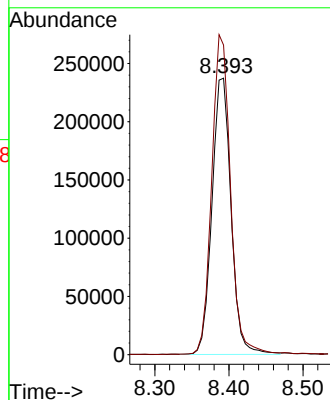
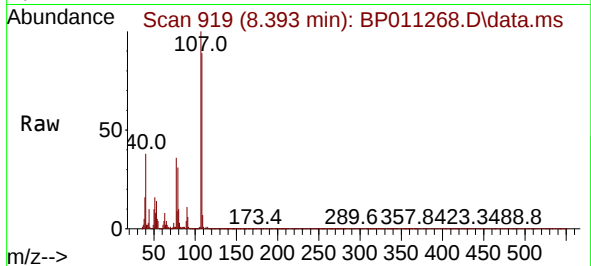




#18
4-Methylphenol
Concen: 34.318 ng/ul
RT: 8.393 min Scan# 918
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

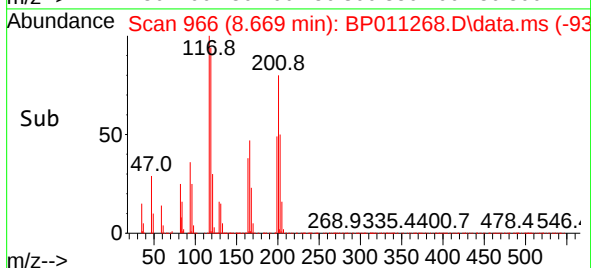
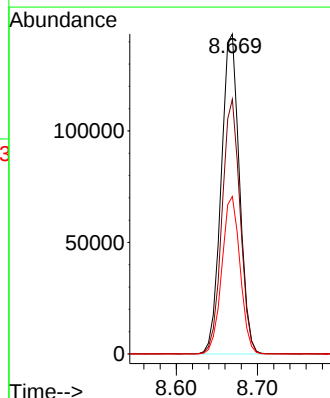
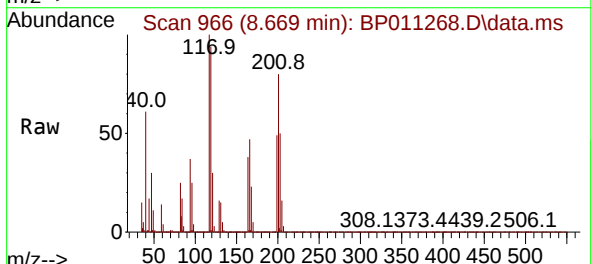
Instrument :
BNA_P
ClientSampleId :

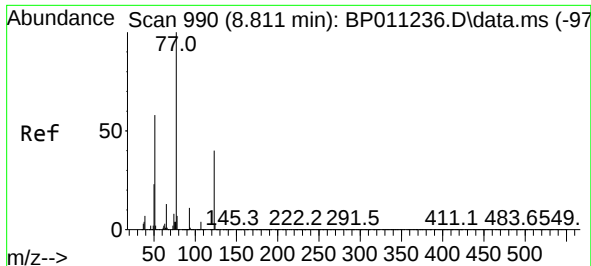
Tgt Ion:108 Resp: 424951
Ion Ratio Lower Upper
108 100
107 111.9 88.2 132.4



#19
Hexachloroethane
Concen: 38.923 ng/ul
RT: 8.669 min Scan# 966
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:117 Resp: 224884
Ion Ratio Lower Upper
117 100
201 79.6 62.2 93.2
199 49.2 39.8 59.6

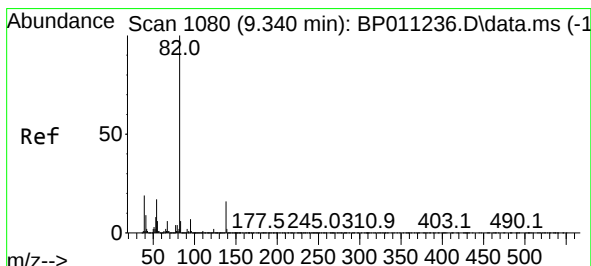
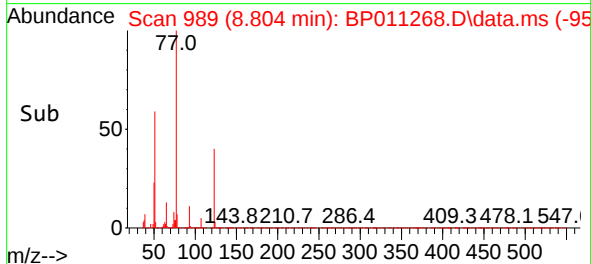
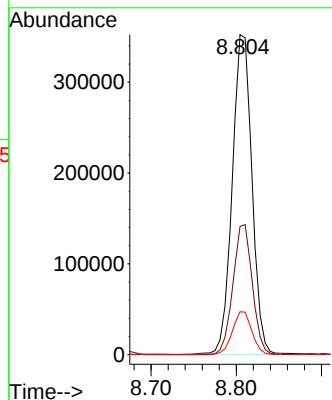
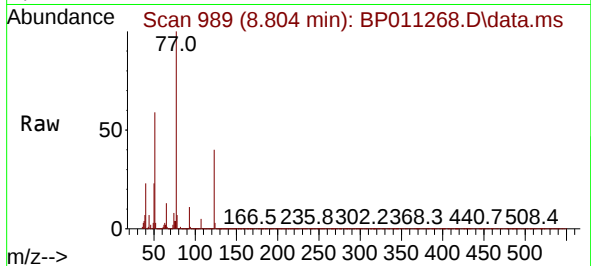




#22
Nitrobenzene
Concen: 36.366 ng/ul
RT: 8.804 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

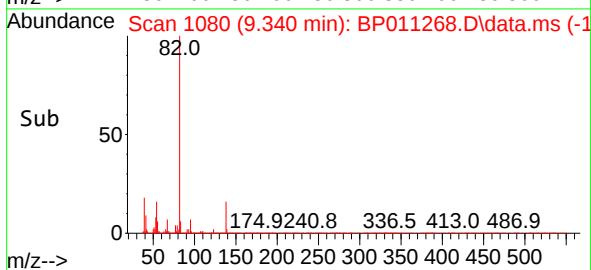
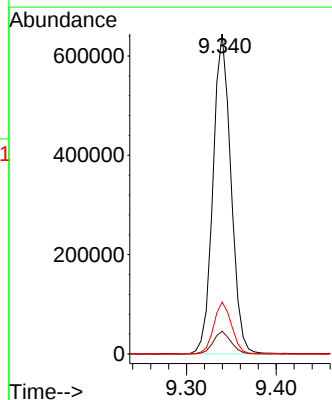
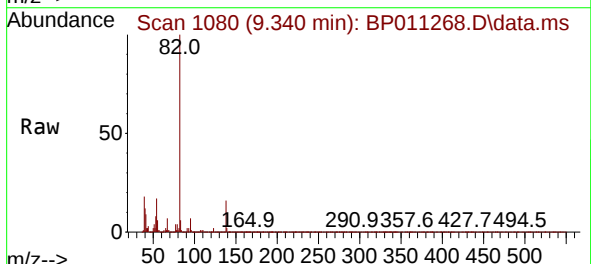
Instrument :
BNA_P
ClientSampleId :

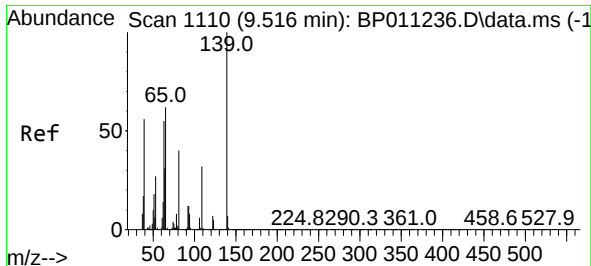
Tgt Ion: 77 Resp: 564349
Ion Ratio Lower Upper
77 100
123 40.1 31.4 47.0
65 13.4 10.6 15.8



#23
Isophorone
Concen: 32.446 ng/ul
RT: 9.340 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion: 82 Resp: 895960
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 16.2 12.6 18.8

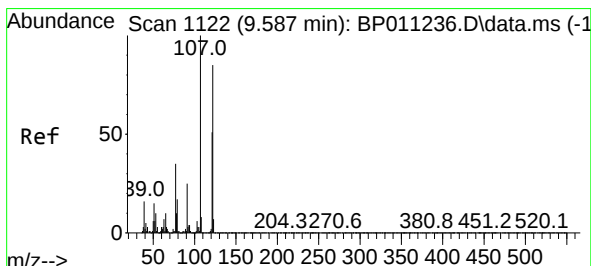
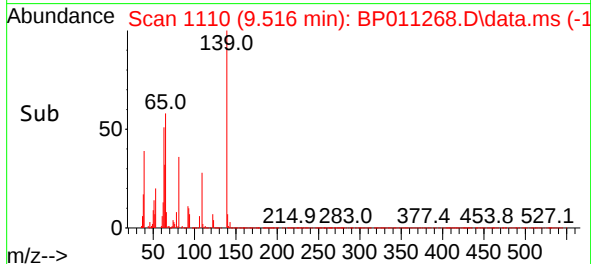
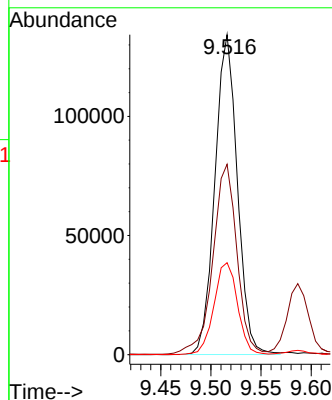
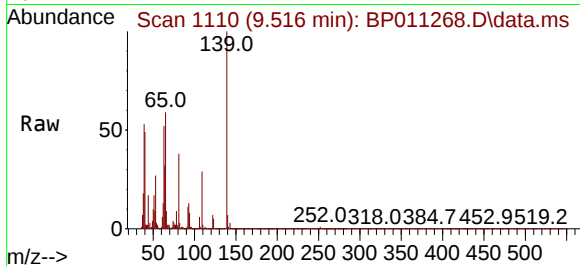




#25
2-Nitrophenol
Concen: 34.010 ng/ul
RT: 9.516 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

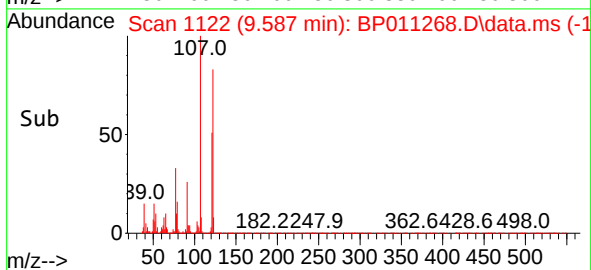
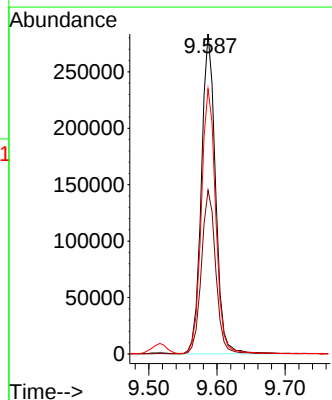
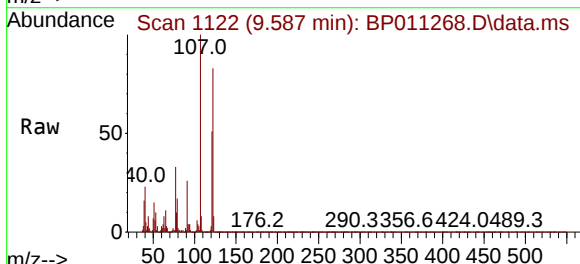
Instrument :
BNA_P
ClientSampleId :

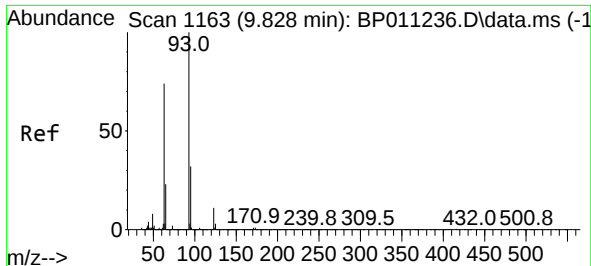
Tgt Ion:139 Resp: 208901
Ion Ratio Lower Upper
139 100
65 59.5 46.7 70.1
109 28.7 24.2 36.2



#26
2,4-Dimethylphenol
Concen: 29.437 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:107 Resp: 409069
Ion Ratio Lower Upper
107 100
121 51.1 40.3 60.5
122 82.9 67.7 101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 32.817 ng/ul

RT: 9.828 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

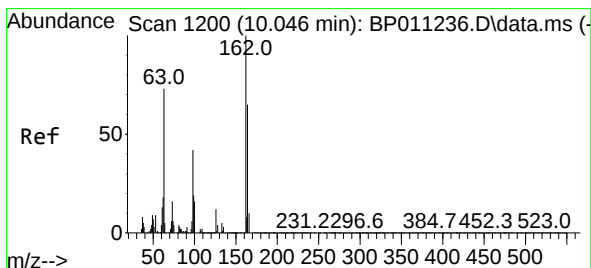
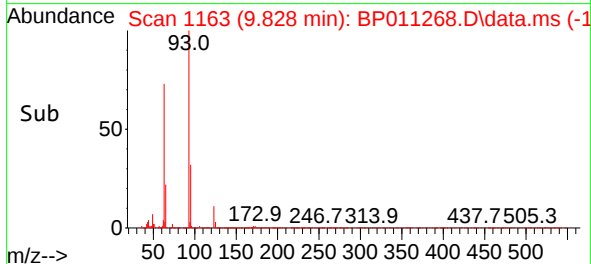
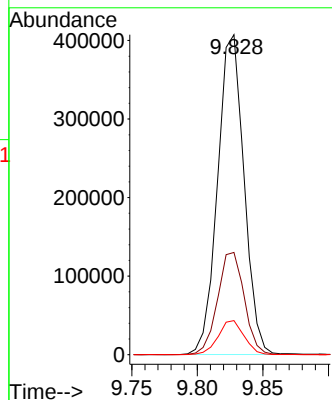
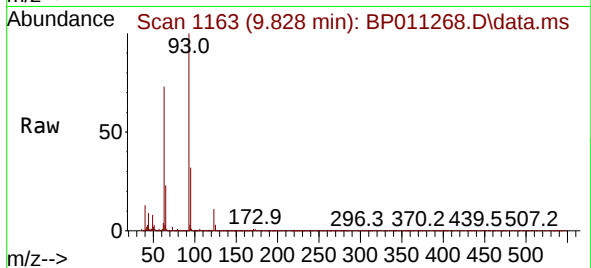
Tgt Ion: 93 Resp: 570536

Ion Ratio Lower Upper

93 100

95 32.0 25.2 37.8

123 10.7 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 36.797 ng/ul

RT: 10.046 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

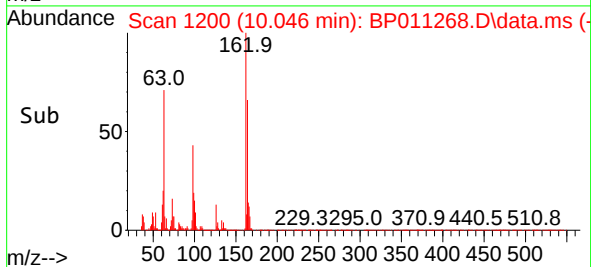
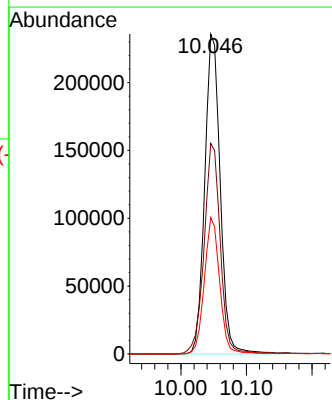
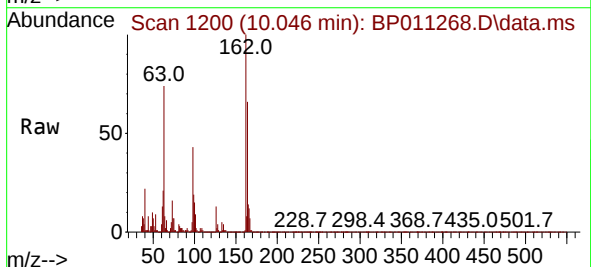
Tgt Ion:162 Resp: 389246

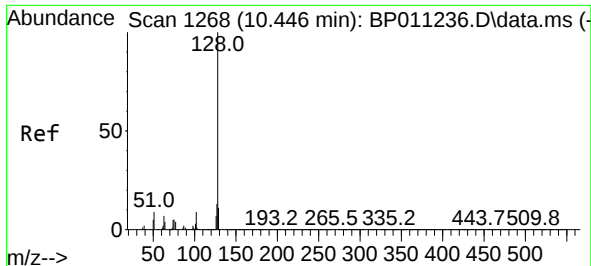
Ion Ratio Lower Upper

162 100

164 65.8 52.6 79.0

98 42.6 34.2 51.4

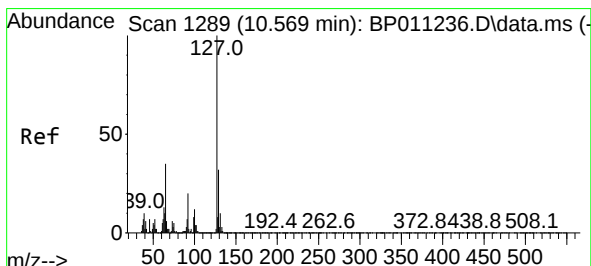
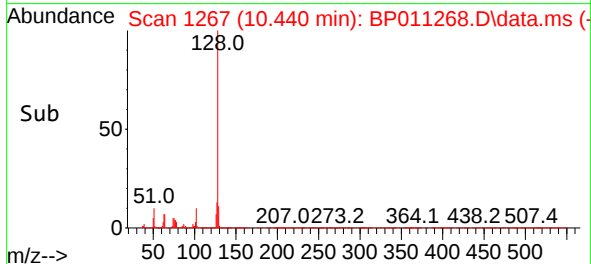
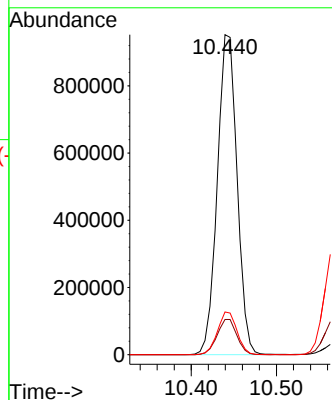
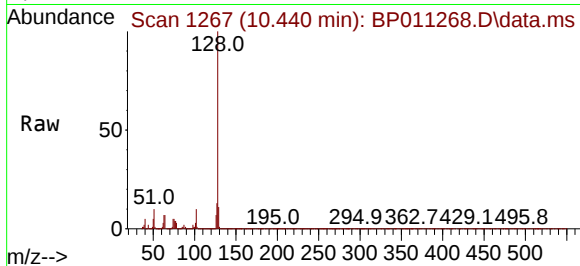




#30
Naphthalene
Concen: 36.918 ng/ul
RT: 10.440 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

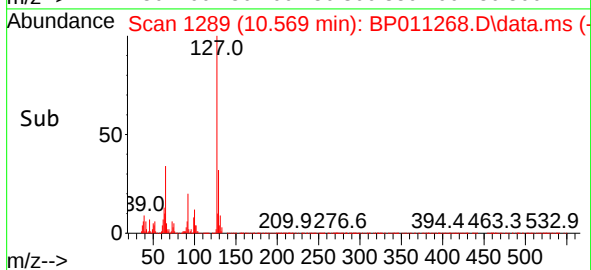
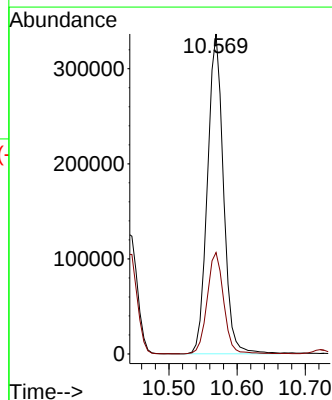
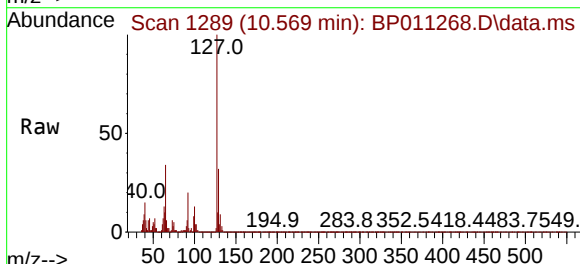
Instrument :
BNA_P
ClientSampleId :

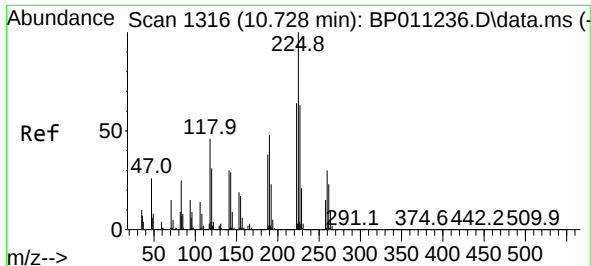
Tgt Ion:128 Resp: 1534417
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 34.627 ng/ul
RT: 10.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:127 Resp: 549205
Ion Ratio Lower Upper
127 100
129 31.7 26.6 40.0

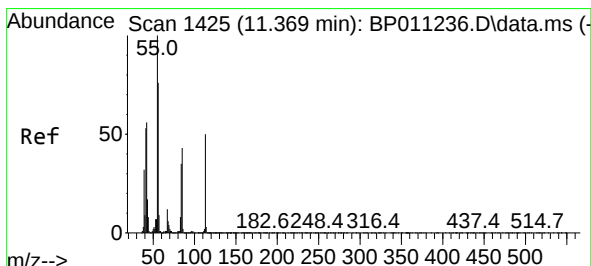
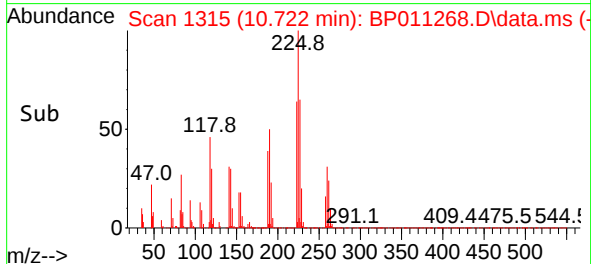
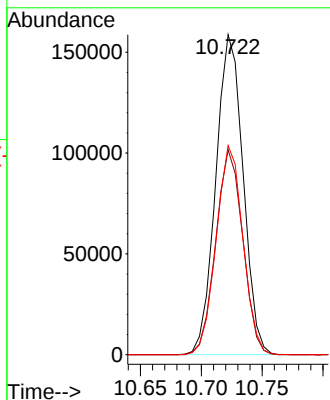
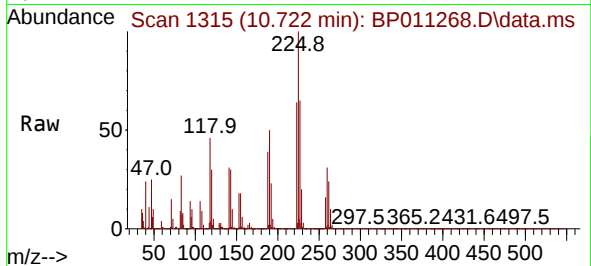




#33
Hexachlorobutadiene
Concen: 37.507 ng/ul
RT: 10.722 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

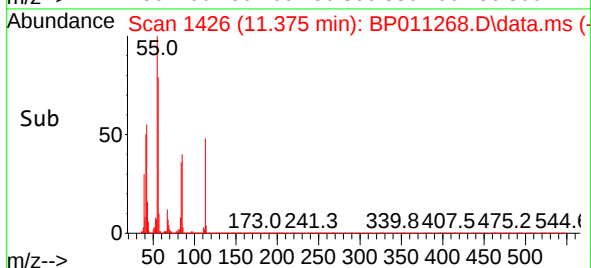
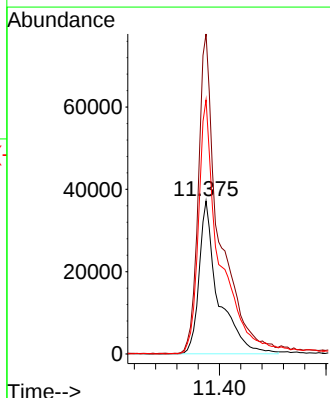
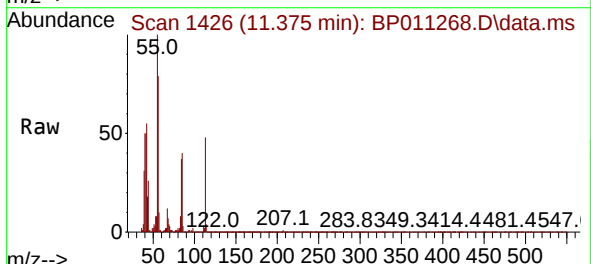
Instrument :
BNA_P
ClientSampleId :

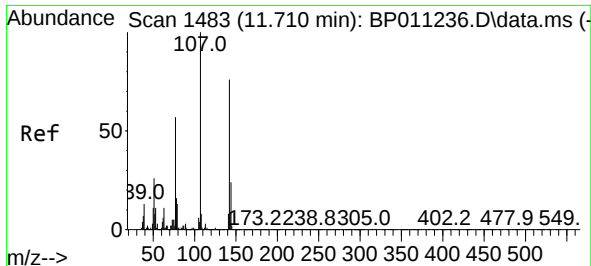
Tgt Ion:225 Resp: 247836
Ion Ratio Lower Upper
225 100
223 64.0 51.2 76.8
227 65.4 50.6 75.8



#34
Caprolactam
Concen: 29.782 ng/ul
RT: 11.375 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:113 Resp: 93315
Ion Ratio Lower Upper
113 100
55 209.1 164.2 246.4
56 166.1 127.0 190.6

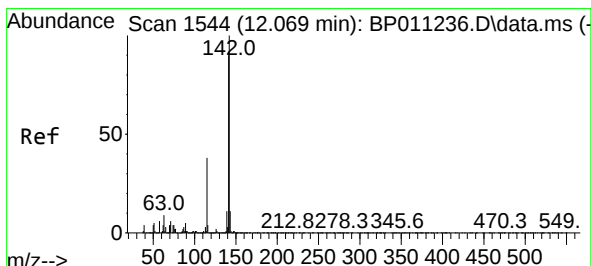
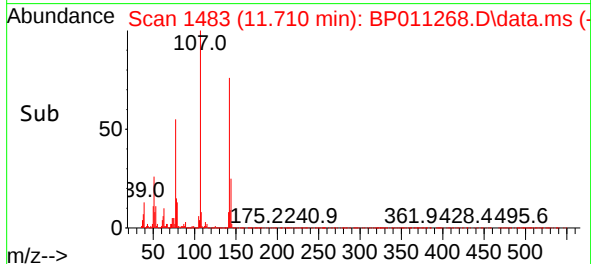
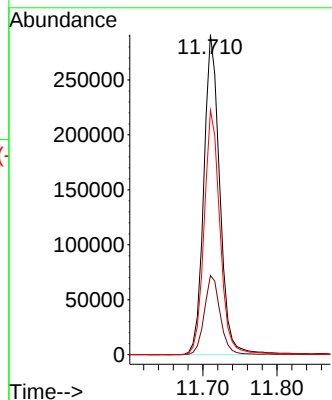
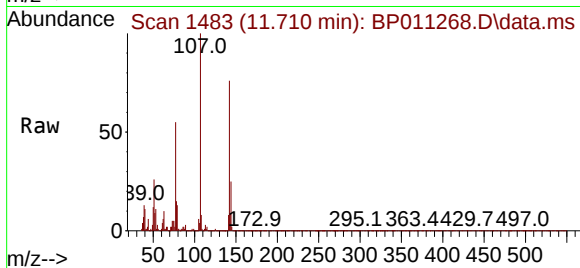




#35
4-Chloro-3-methylphenol
Concen: 36.472 ng/ul
RT: 11.710 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

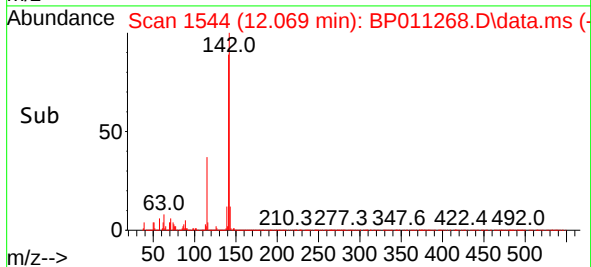
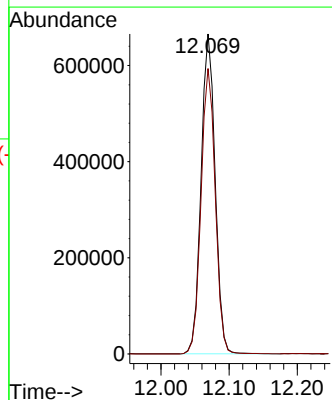
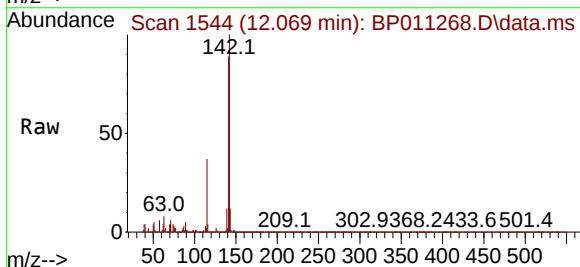
Instrument :
BNA_P
ClientSampleId :

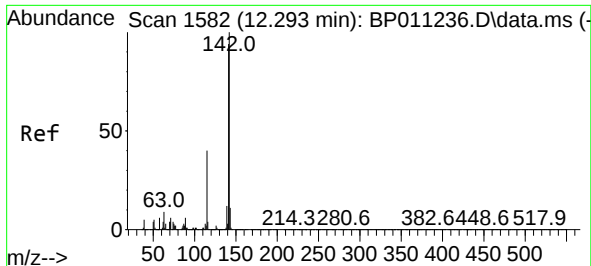
Tgt Ion:107 Resp: 436319
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 76.4 59.8 89.8



#36
2-Methylnaphthalene
Concen: 36.765 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:142 Resp: 954781
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.8





#37

1-Methylnaphthalene

Concen: 37.140 ng/ul

RT: 12.292 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

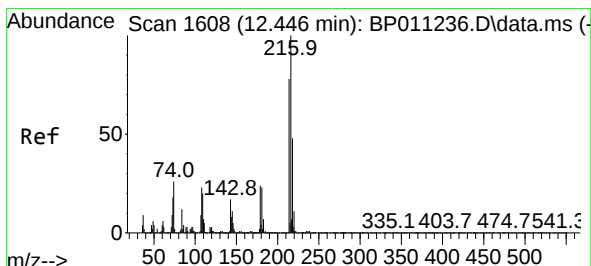
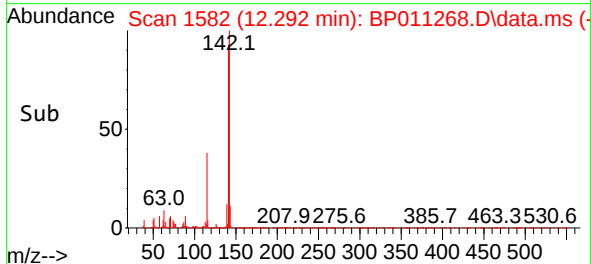
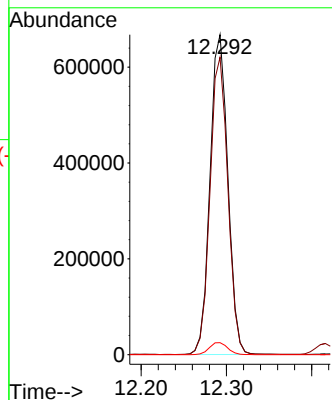
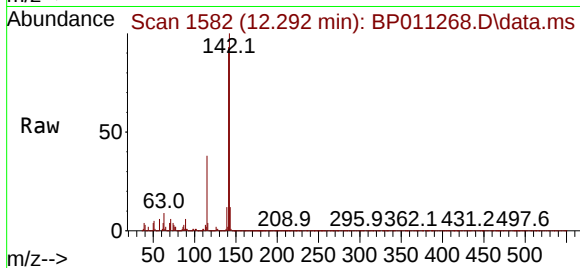
Tgt Ion:142 Resp: 968888

Ion Ratio Lower Upper

142 100

141 93.0 74.1 111.1

116 3.7 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.653 ng/ul

RT: 12.440 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Tgt Ion:216 Resp: 449928

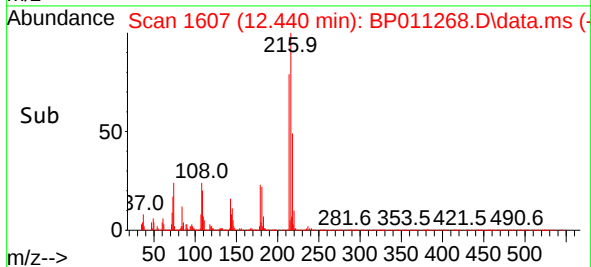
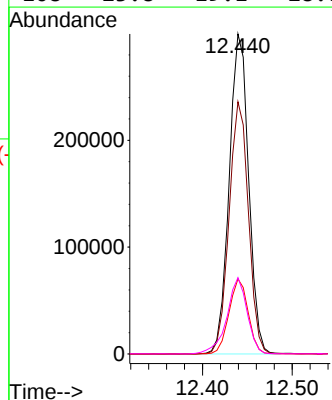
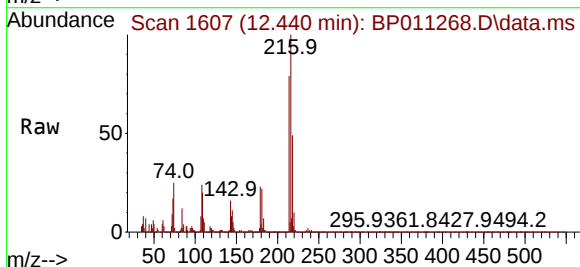
Ion Ratio Lower Upper

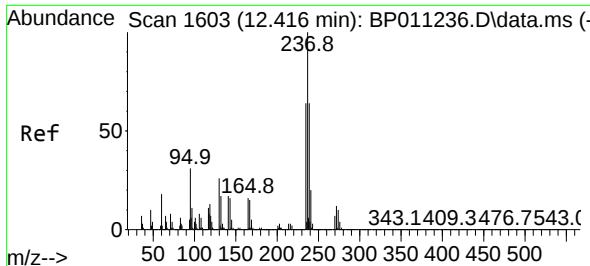
216 100

214 78.8 61.1 91.7

179 23.4 18.6 27.8

108 23.8 19.1 28.7

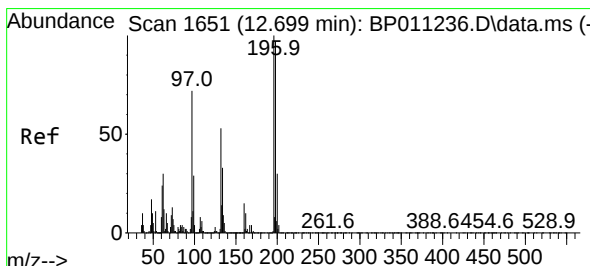
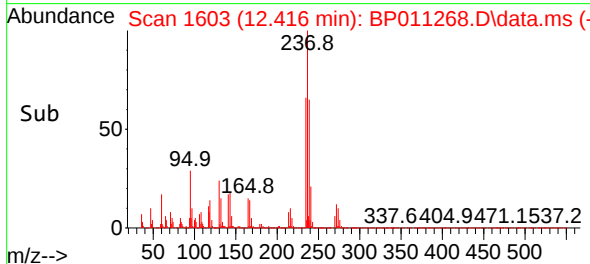
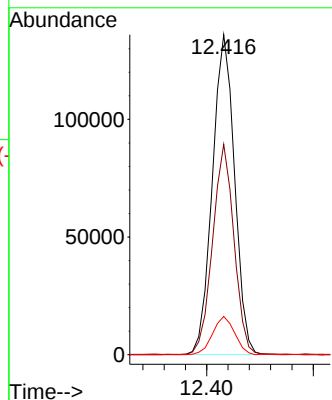
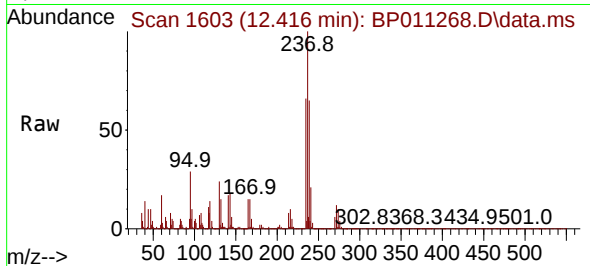




#40
Hexachlorocyclopentadiene
Concen: 23.939 ng/ul
RT: 12.416 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

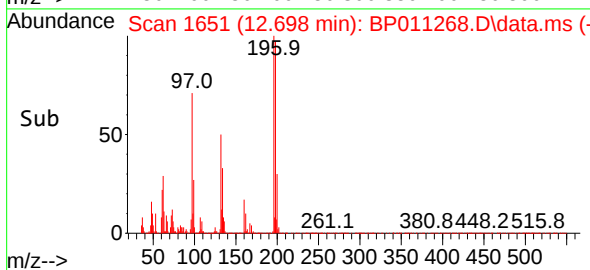
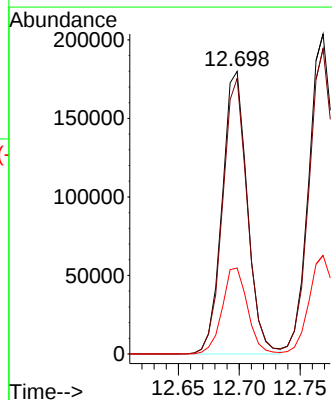
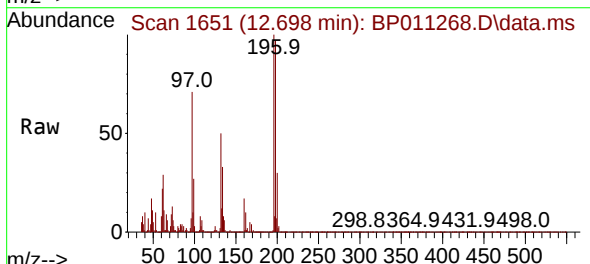
Instrument :
BNA_P
ClientSampleId :

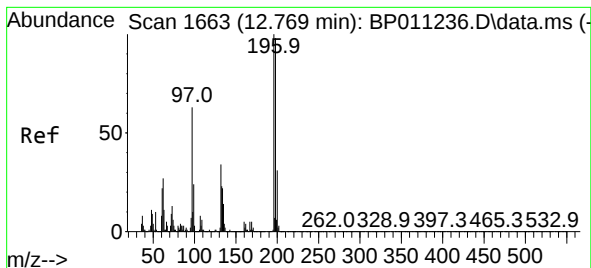
Tgt Ion:237 Resp: 196383
Ion Ratio Lower Upper
237 100
235 65.8 50.4 75.6
272 12.0 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 31.920 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:196 Resp: 259635
Ion Ratio Lower Upper
196 100
198 97.5 75.5 113.3
200 30.4 24.4 36.6





#42

2,4,5-Trichlorophenol

Concen: 35.083 ng/ul

RT: 12.769 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

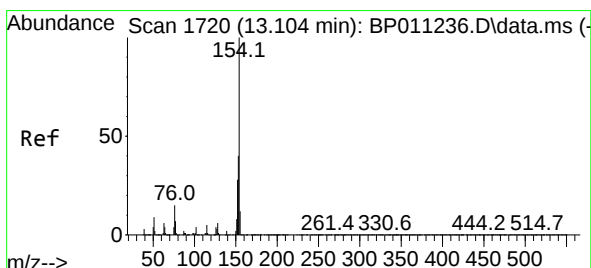
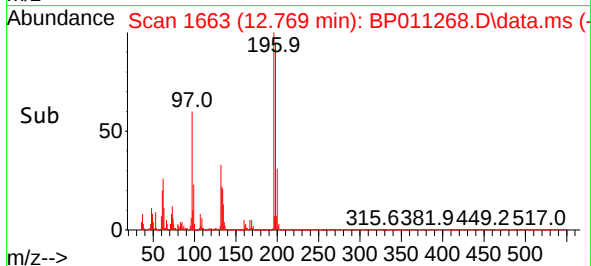
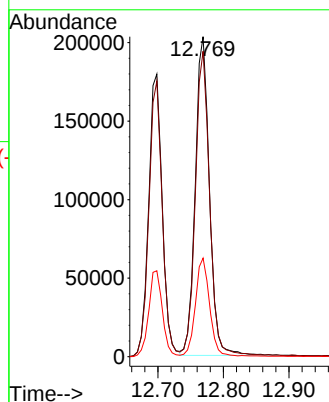
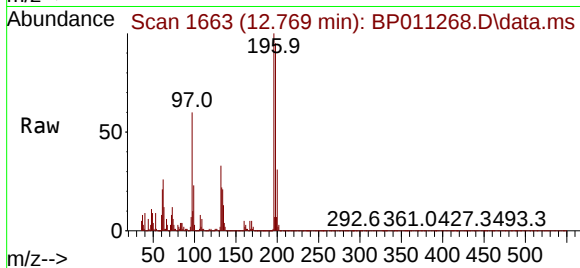
Tgt Ion:196 Resp: 306233

Ion Ratio Lower Upper

196 100

198 95.4 76.8 115.2

200 30.8 25.0 37.6



#43

1,1'-Biphenyl

Concen: 34.285 ng/ul

RT: 13.098 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

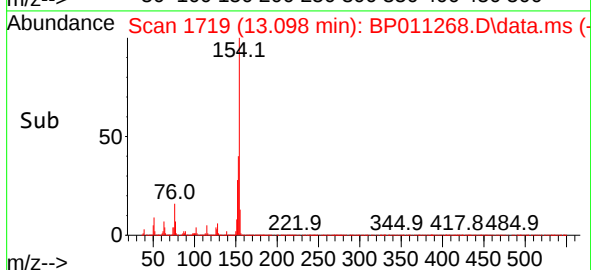
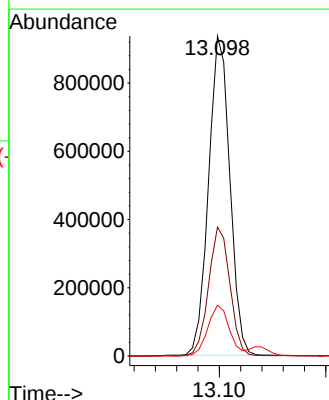
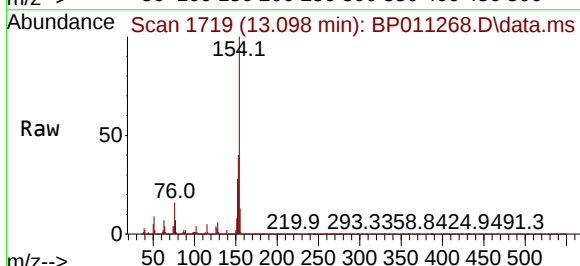
Tgt Ion:154 Resp: 1299058

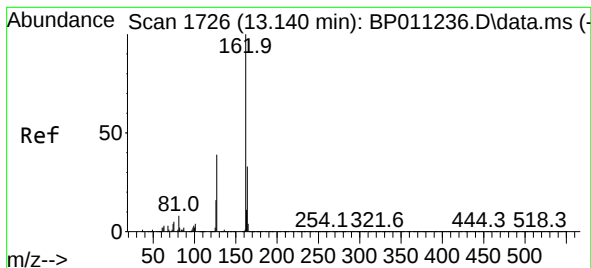
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 15.8 12.2 18.2

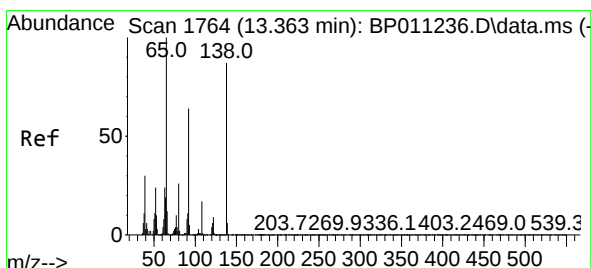
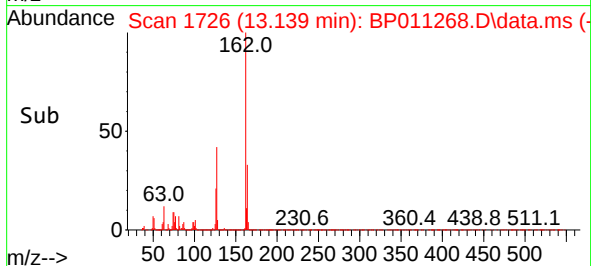
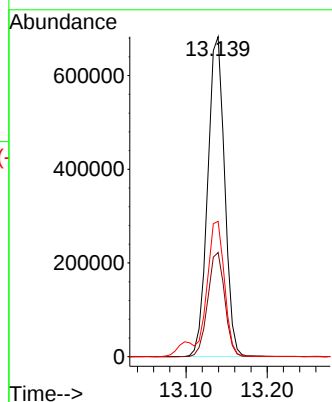
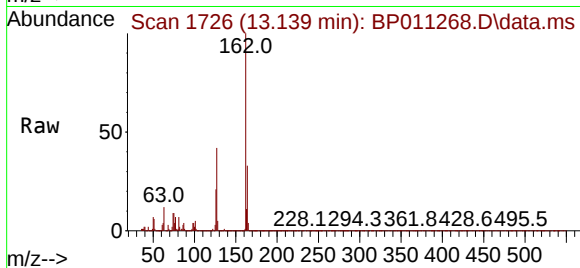




#44
2-Chloronaphthalene
Concen: 34.934 ng/ul
RT: 13.139 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

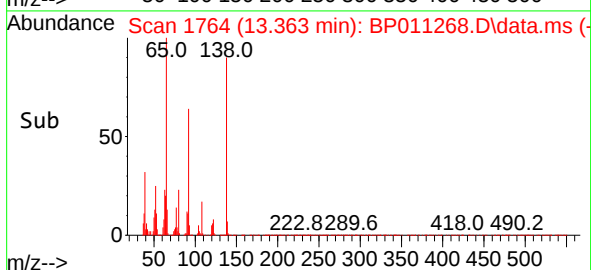
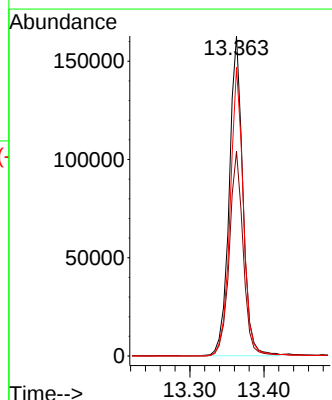
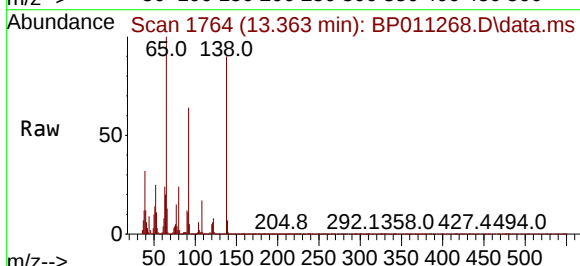
Instrument :
BNA_P
ClientSampleId :

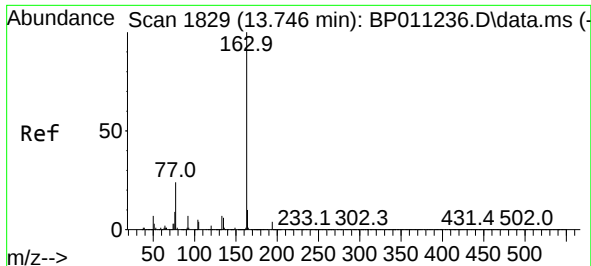
Tgt Ion:162 Resp: 987428
Ion Ratio Lower Upper
162 100
164 32.6 25.6 38.4
127 42.3 34.6 51.8



#45
2-Nitroaniline
Concen: 30.558 ng/ul
RT: 13.363 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion: 65 Resp: 207762
Ion Ratio Lower Upper
65 100
92 64.0 51.4 77.2
138 90.2 67.4 101.0

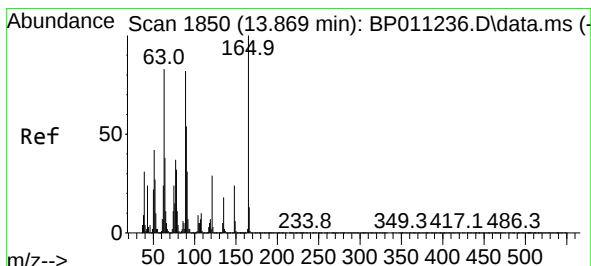
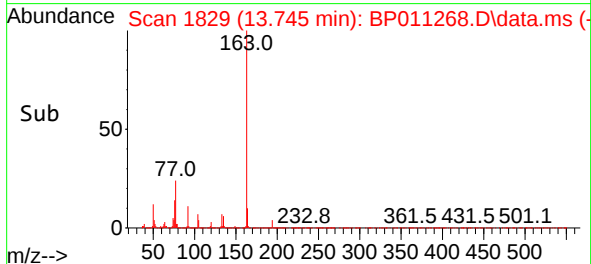
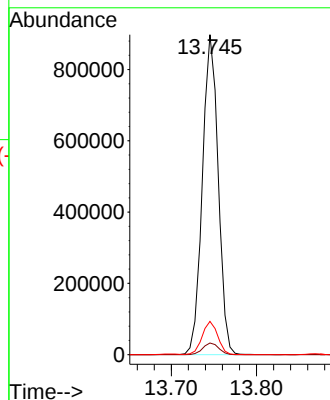
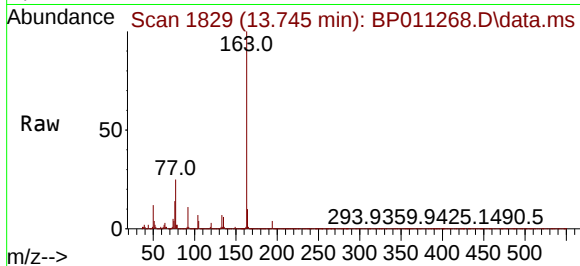




#47
Dimethylphthalate
Concen: 35.275 ng/ul
RT: 13.745 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

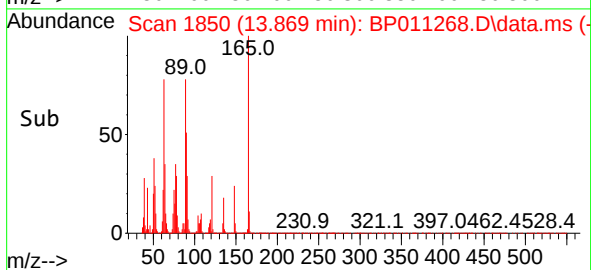
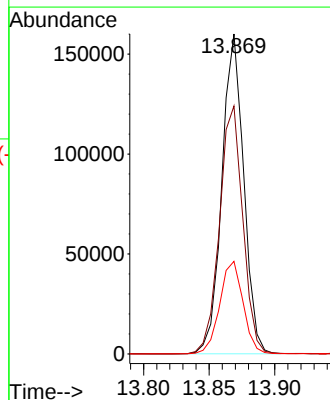
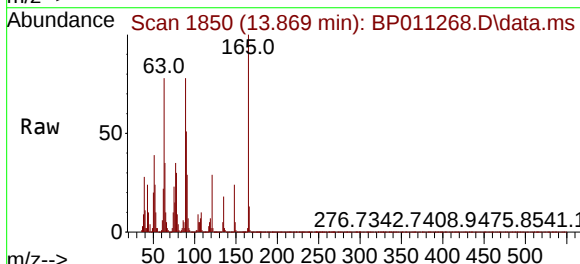
Instrument :
BNA_P
ClientSampleId :

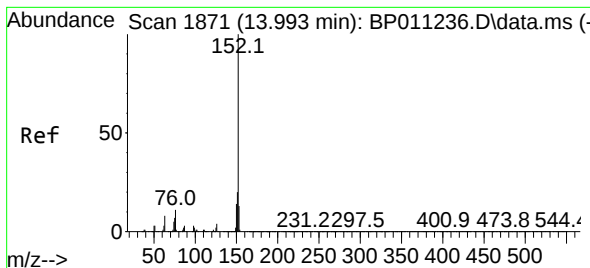
Tgt Ion:163 Resp: 1157071
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 37.536 ng/ul
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:165 Resp: 184822
Ion Ratio Lower Upper
165 100
89 77.5 65.8 98.6
121 29.0 24.2 36.2





#50

Acenaphthylene

Concen: 35.987 ng/ul

RT: 13.992 min Scan# 1871

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

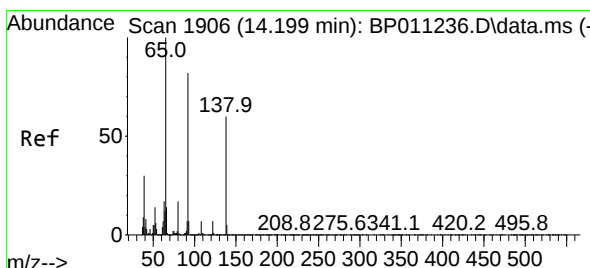
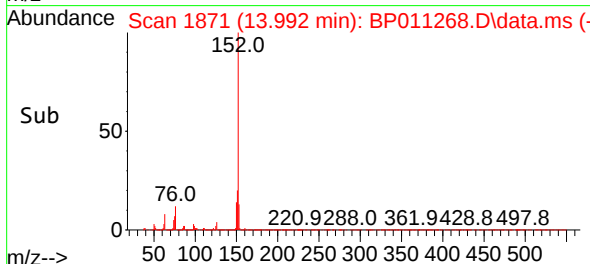
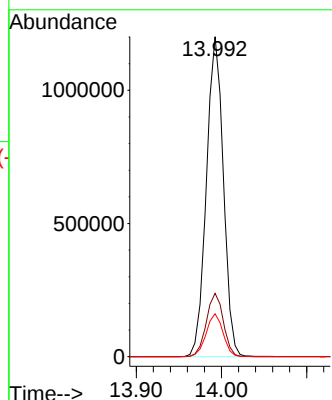
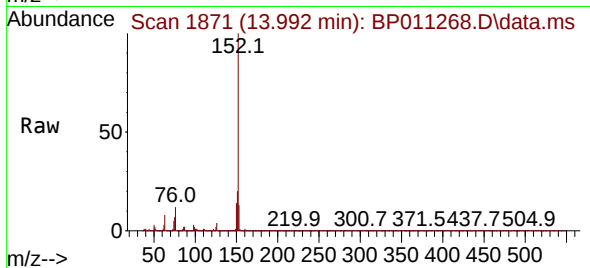
Tgt Ion:152 Resp: 1663568

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.4 10.5 15.7



#51

3-Nitroaniline

Concen: 35.873 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

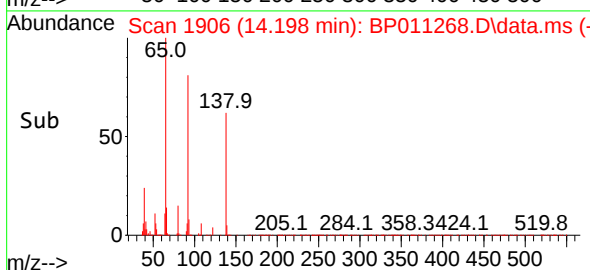
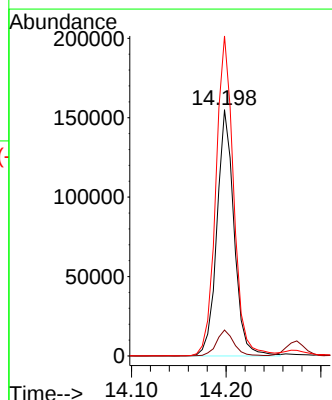
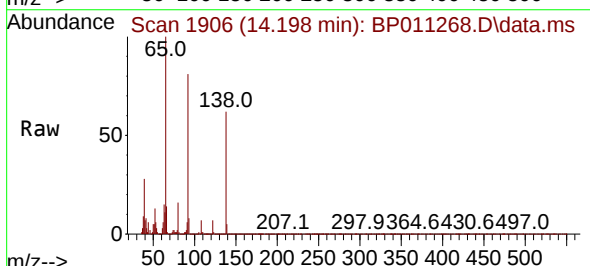
Tgt Ion:138 Resp: 194827

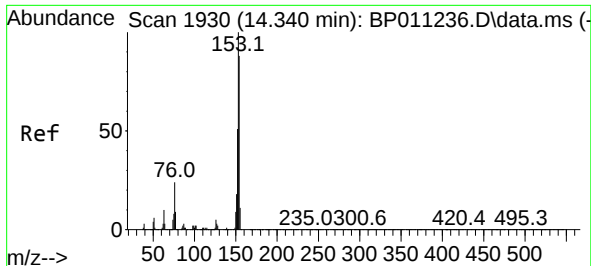
Ion Ratio Lower Upper

138 100

108 10.5 9.9 14.9

92 129.9 106.8 160.2

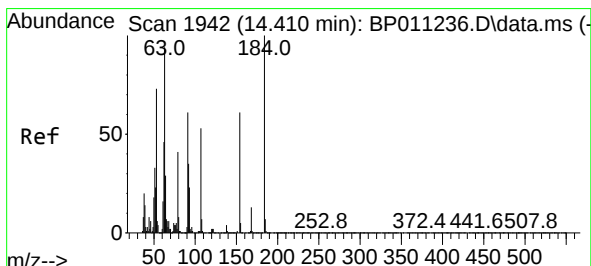
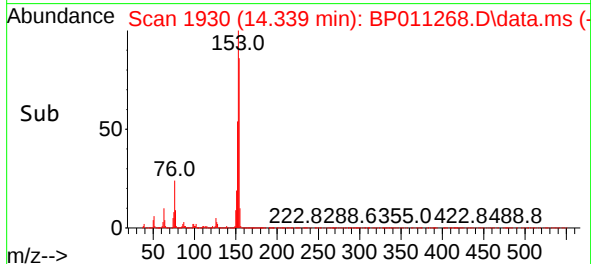
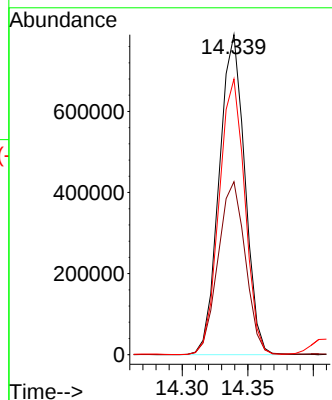
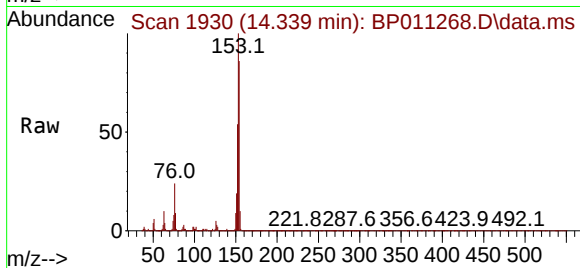




#52
Acenaphthene
Concen: 35.807 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

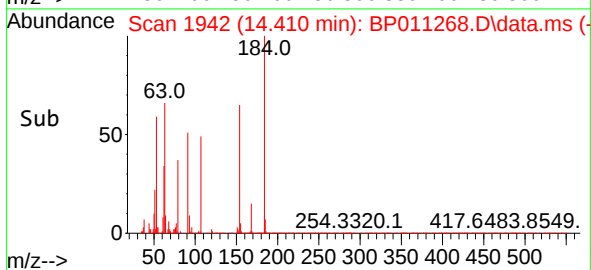
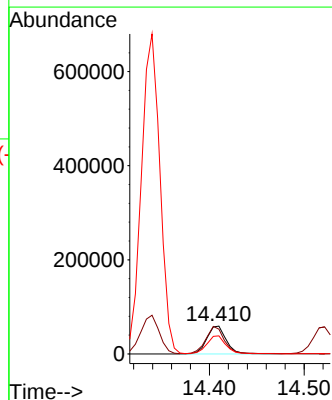
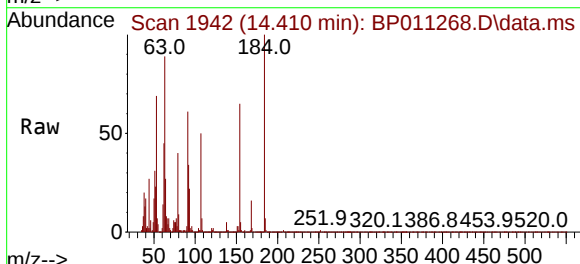
Instrument :
BNA_P
ClientSampleId :

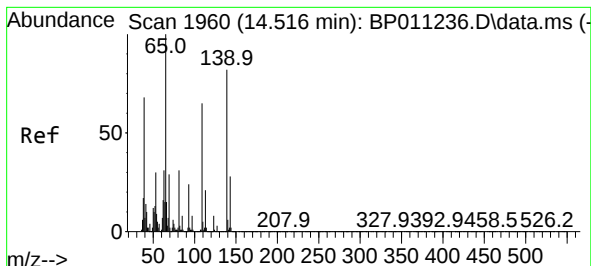
Tgt Ion:153 Resp: 1070647
Ion Ratio Lower Upper
153 100
152 54.1 39.5 59.3
154 86.1 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 28.614 ng/ul
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:184 Resp: 83667
Ion Ratio Lower Upper
184 100
63 89.1 75.0 112.6
154 64.9 53.1 79.7

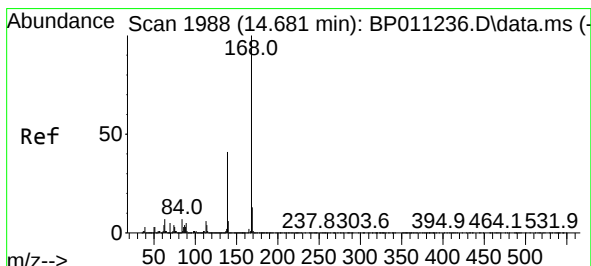
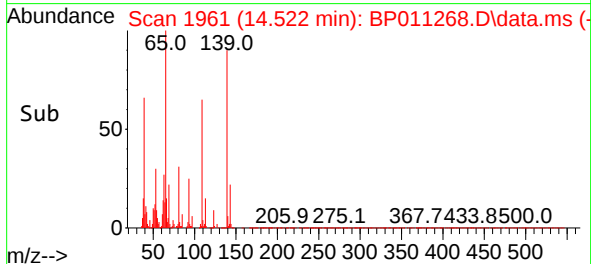
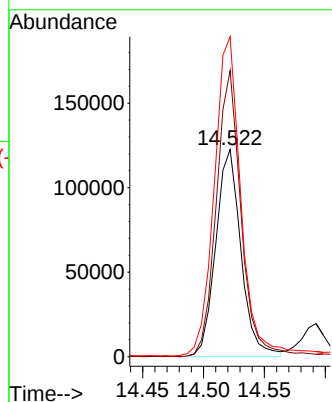
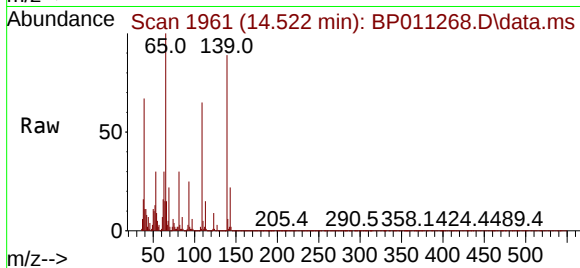




#55
4-Nitrophenol
Concen: 35.371 ng/ul
RT: 14.522 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

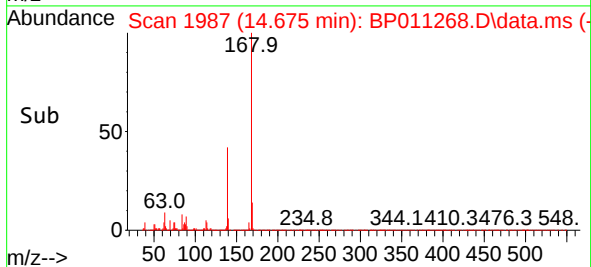
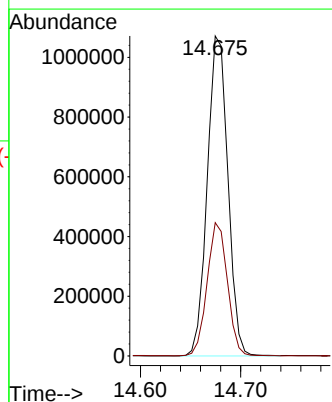
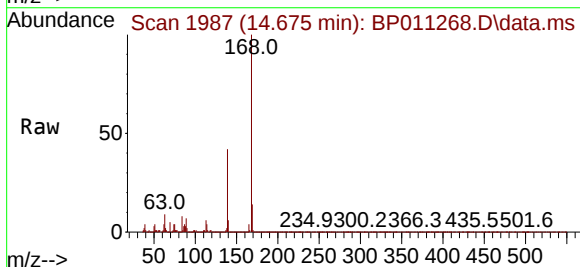
Instrument :
BNA_P
ClientSampleId :

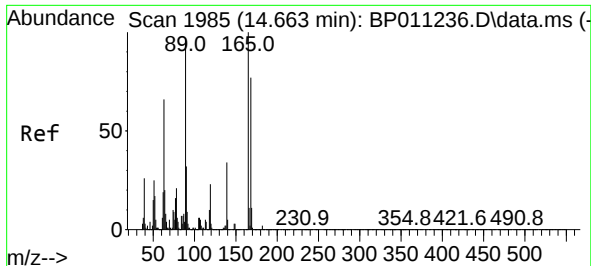
Tgt Ion:109 Resp: 176495
Ion Ratio Lower Upper
109 100
139 138.2 100.6 150.8
65 154.4 122.6 184.0



#56
Dibenzofuran
Concen: 37.466 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:168 Resp: 1533062
Ion Ratio Lower Upper
168 100
139 41.7 34.2 51.2

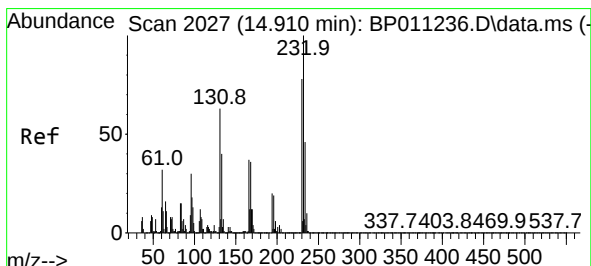
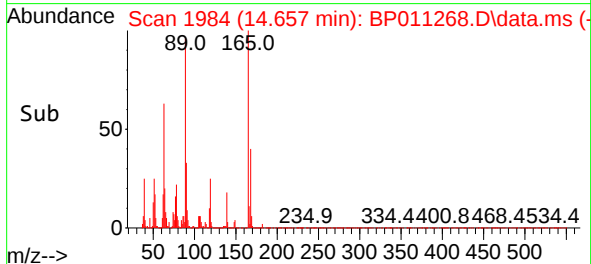
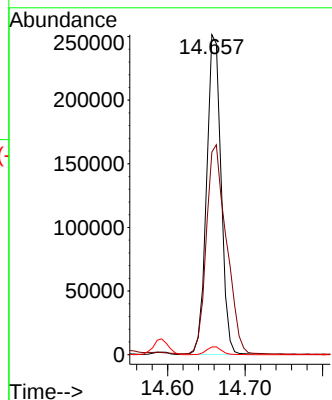
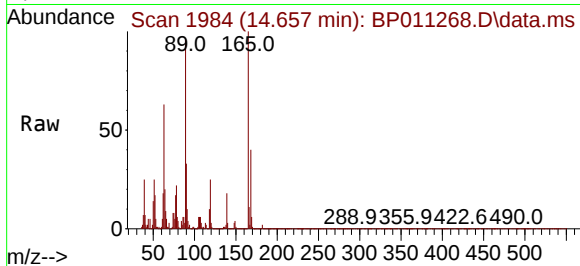




#57
2,4-Dinitrotoluene
Concen: 41.866 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

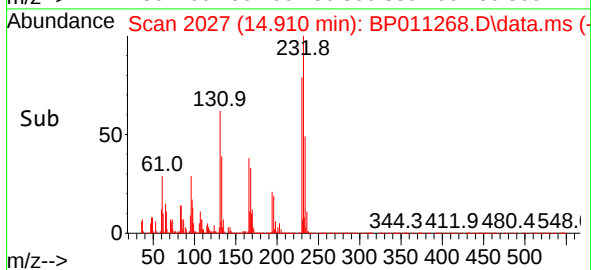
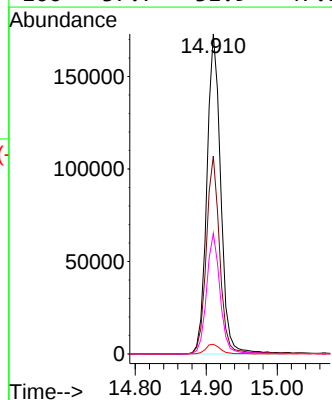
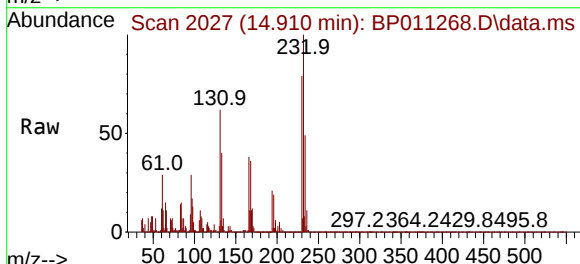
Instrument :
BNA_P
ClientSampleId :

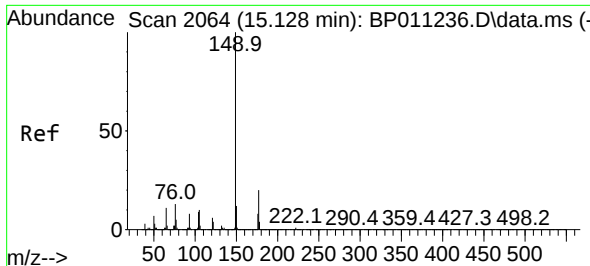
Tgt Ion:165 Resp: 324647
Ion Ratio Lower Upper
165 100
63 63.3 50.6 75.8
182 2.4 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.651 ng/ul
RT: 14.910 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:232 Resp: 234978
Ion Ratio Lower Upper
232 100
131 61.9 50.4 75.6
130 3.0 2.6 3.8
166 37.7 31.9 47.9

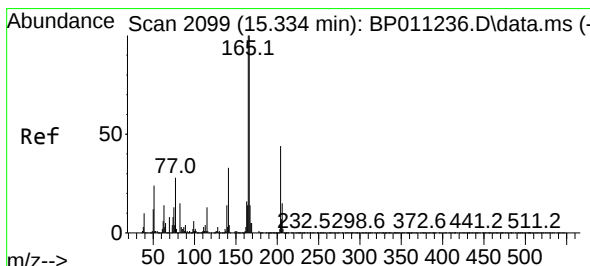
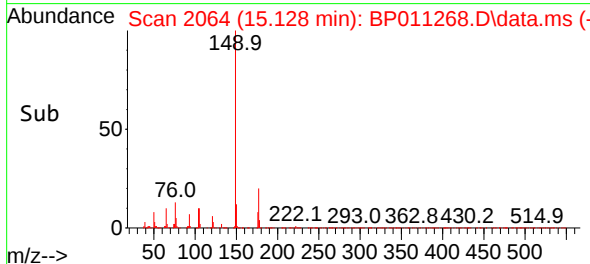
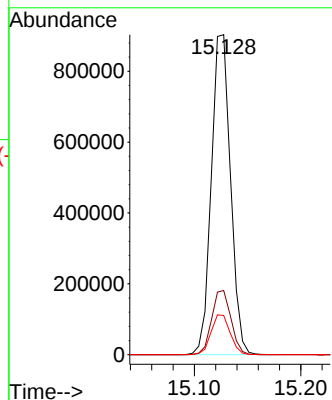
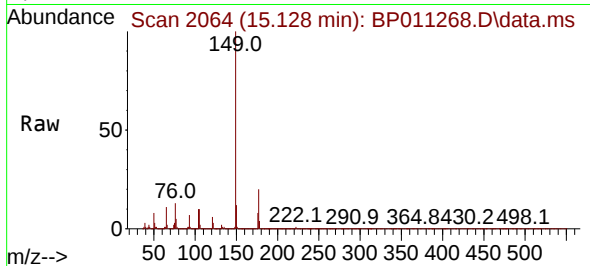




#59
Diethylphthalate
Concen: 33.466 ng/ul
RT: 15.128 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

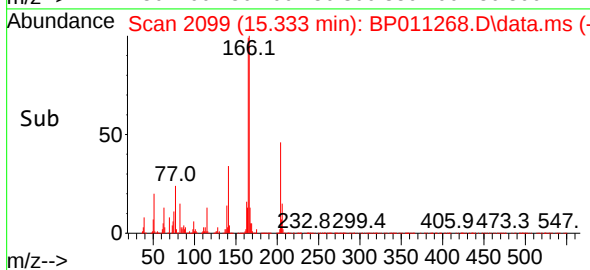
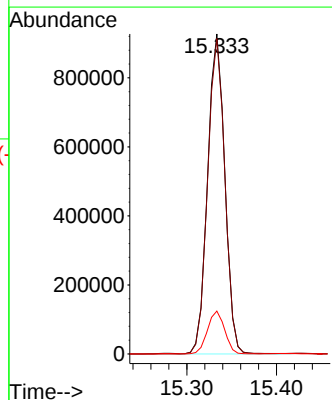
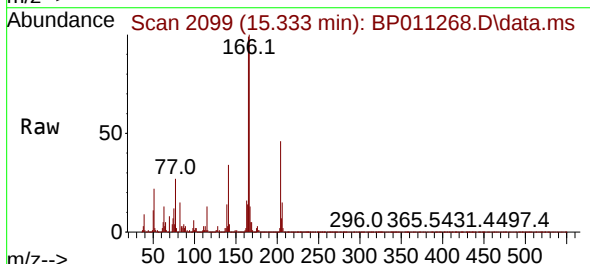
Instrument :
BNA_P
ClientSampleId :

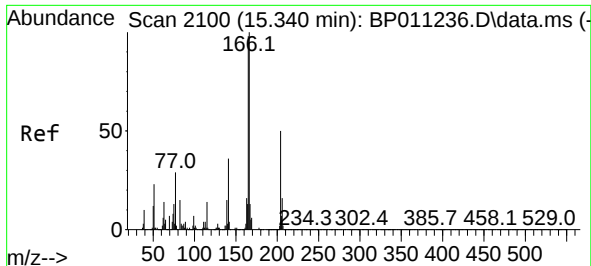
Tgt Ion:149 Resp: 1132902
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.2 9.4 14.0



#61
Fluorene
Concen: 37.887 ng/ul
RT: 15.333 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:166 Resp: 1235223
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 13.4 11.0 16.4

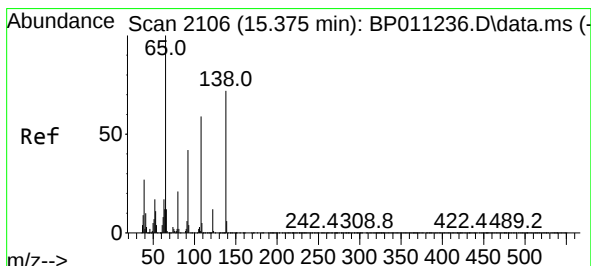
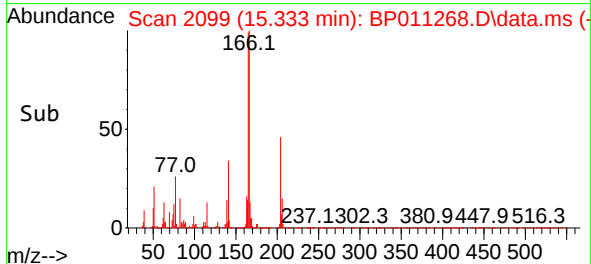
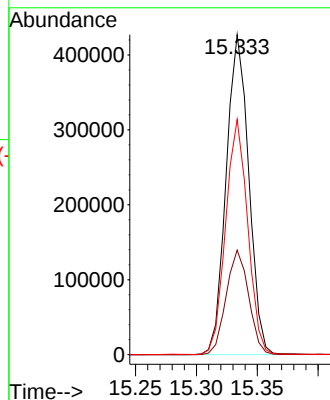
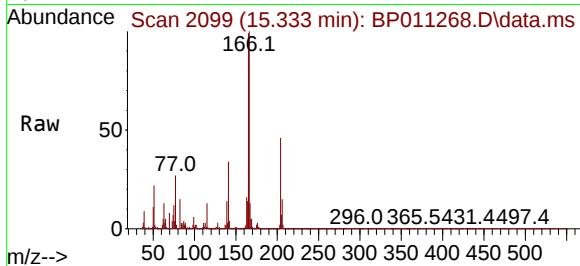




#62
4-Chlorophenyl-phenylether
Concen: 38.337 ng/ul
RT: 15.333 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

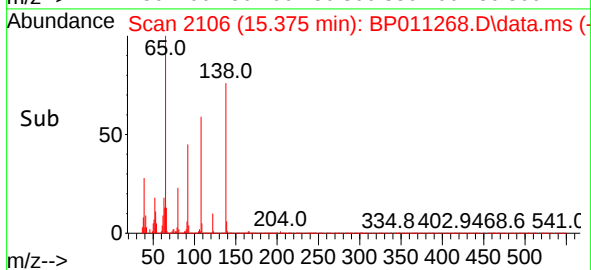
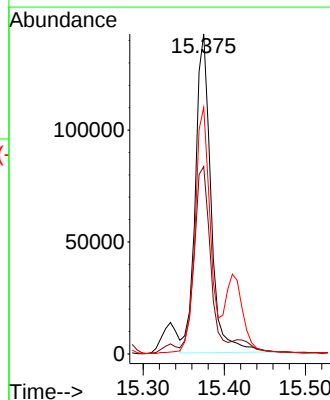
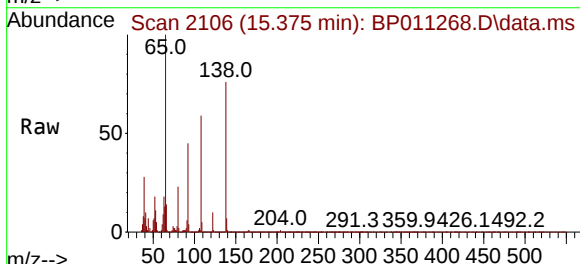
Instrument :
BNA_P
ClientSampleId :

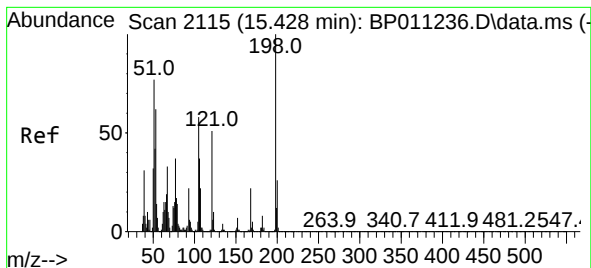
Tgt Ion:204 Resp: 551952
Ion Ratio Lower Upper
204 100
206 32.7 27.3 40.9
141 73.5 57.7 86.5



#63
4-Nitroaniline
Concen: 41.860 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:138 Resp: 190216
Ion Ratio Lower Upper
138 100
92 58.5 55.9 83.9
108 77.1 67.1 100.7

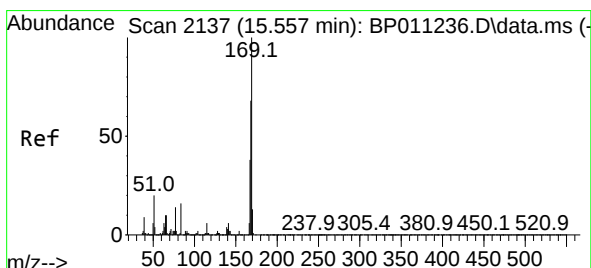
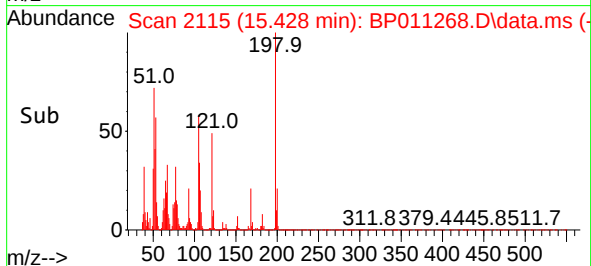
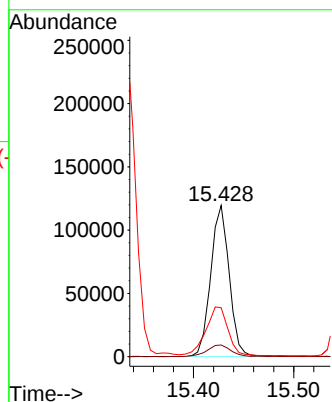
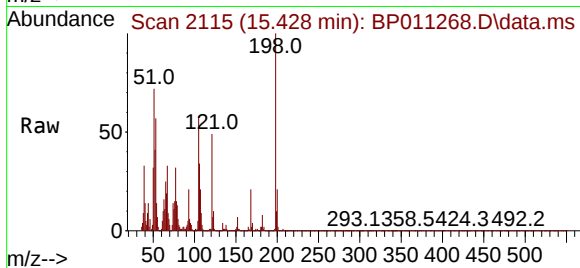




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.866 ng/ul
 RT: 15.428 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: BP011268.D
 Acq: 04 Aug 2022 17:14

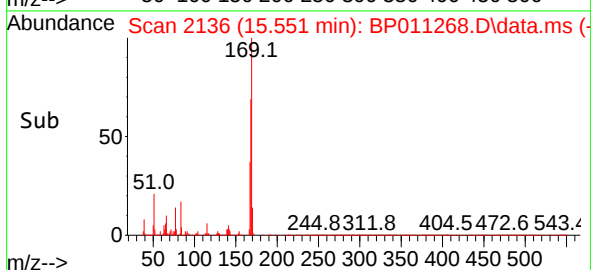
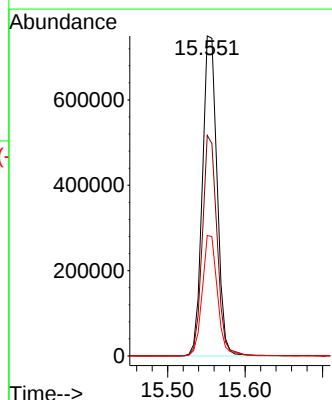
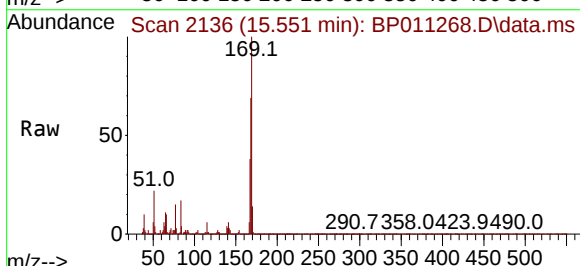
Instrument :
 BNA_P
 ClientSampleId :

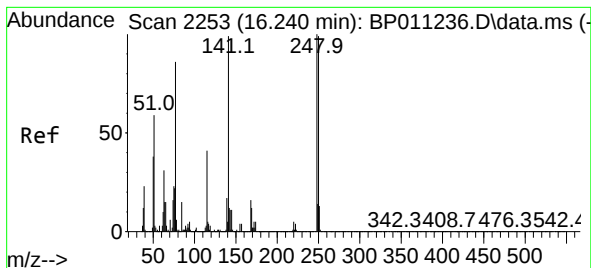
Tgt Ion:198 Resp: 153108
 Ion Ratio Lower Upper
 198 100
 182 7.8 7.4 11.0
 77 32.3 28.6 42.8



#67
 N-Nitrosodiphenylamine
 Concen: 35.851 ng/ul
 RT: 15.551 min Scan# 2136
 Delta R.T. -0.006 min
 Lab File: BP011268.D
 Acq: 04 Aug 2022 17:14

Tgt Ion:169 Resp: 986673
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.6 80.4
 167 37.7 30.0 45.0

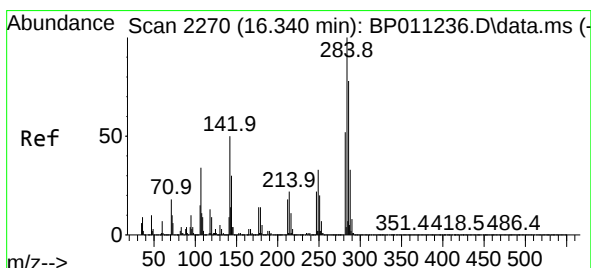
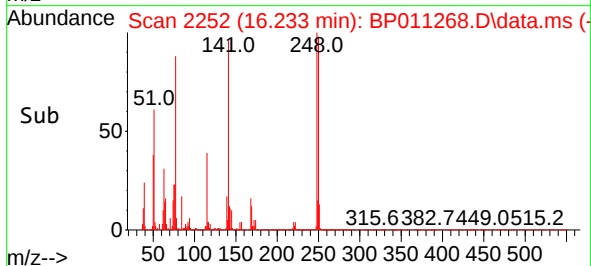
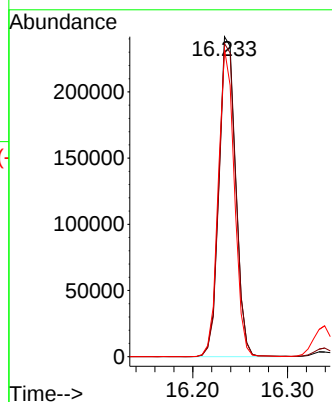
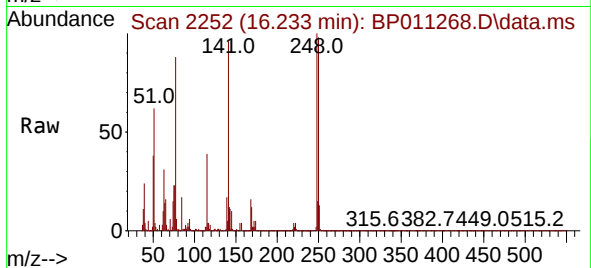




#68
4-Bromophenyl-phenylether
Concen: 35.165 ng/ul
RT: 16.233 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

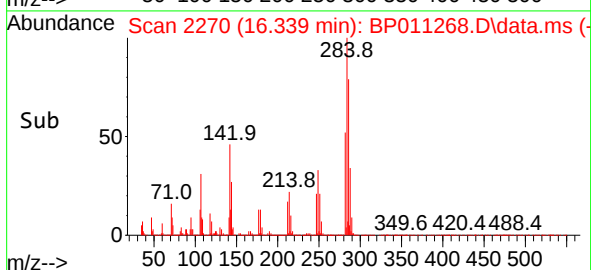
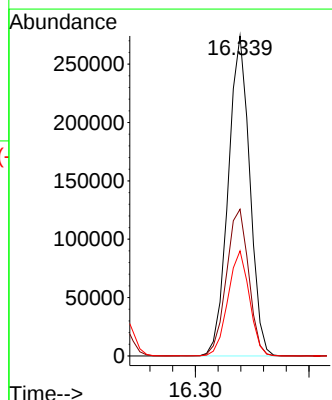
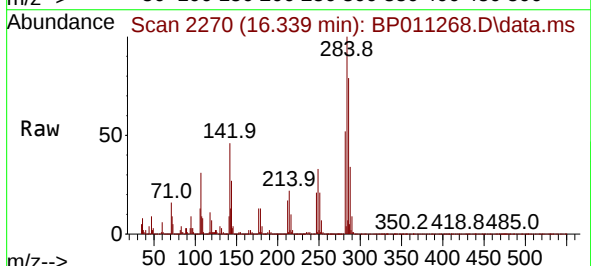
Instrument :
BNA_P
ClientSampleId :

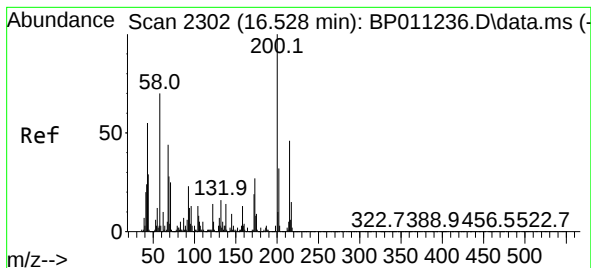
Tgt Ion:248 Resp: 298693
Ion Ratio Lower Upper
248 100
250 97.8 77.3 115.9
141 96.2 76.4 114.6



#69
Hexachlorobenzene
Concen: 36.421 ng/ul
RT: 16.339 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:284 Resp: 361375
Ion Ratio Lower Upper
284 100
142 45.9 39.5 59.3
249 32.9 25.1 37.7





#70

Atrazine

Concen: 29.480 ng/ul

RT: 16.528 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

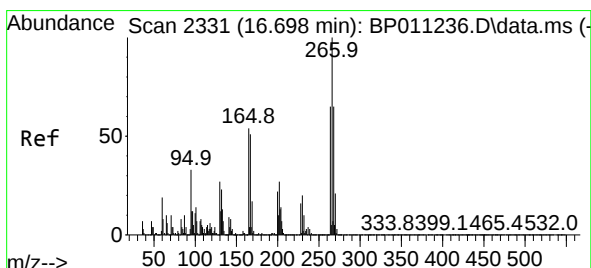
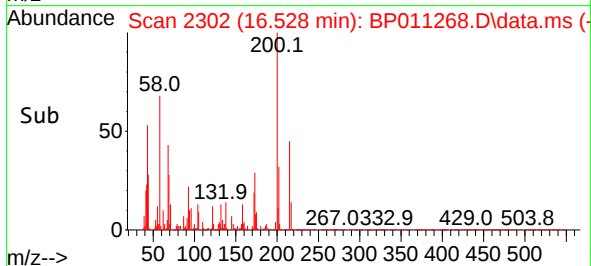
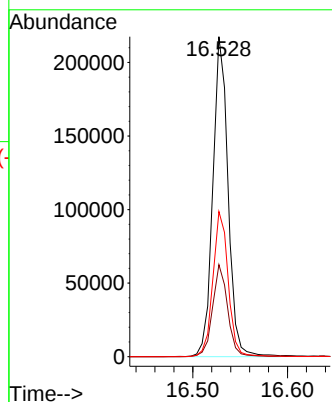
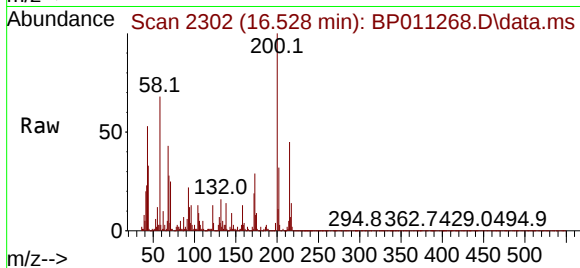
Tgt Ion:200 Resp: 242709

Ion Ratio Lower Upper

200 100

173 28.8 22.6 34.0

215 45.3 36.5 54.7



#71

Pentachlorophenol

Concen: 32.826 ng/ul

RT: 16.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

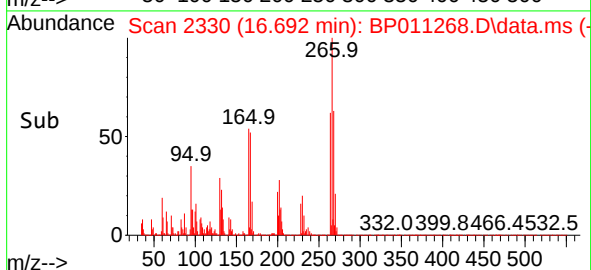
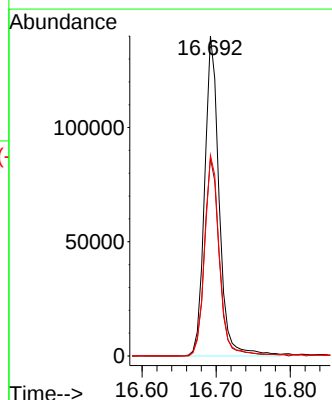
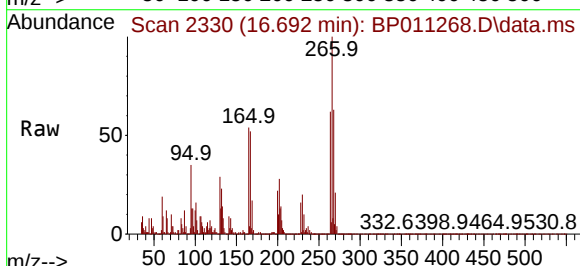
Tgt Ion:266 Resp: 190762

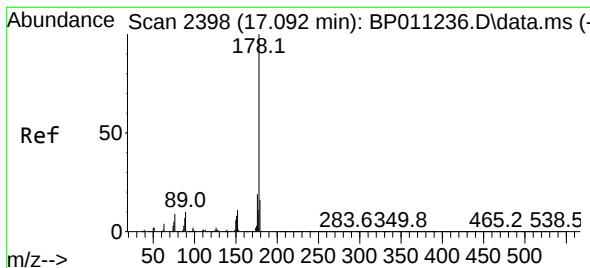
Ion Ratio Lower Upper

266 100

264 61.9 52.2 78.2

268 62.8 50.6 75.8





#72

Phenanthrene

Concen: 37.520 ng/ul

RT: 17.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

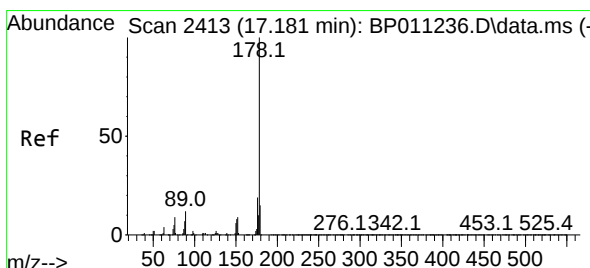
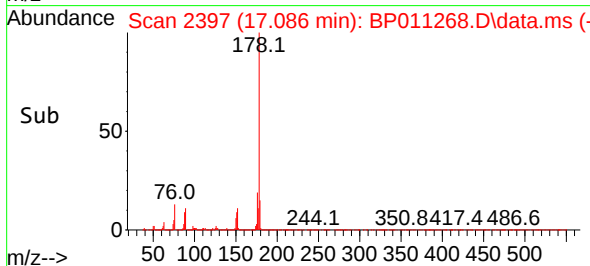
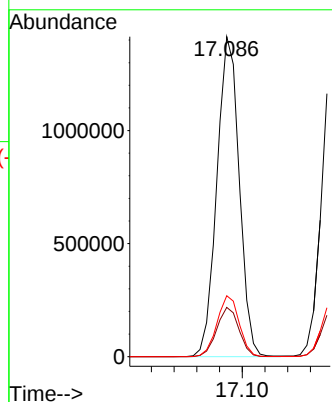
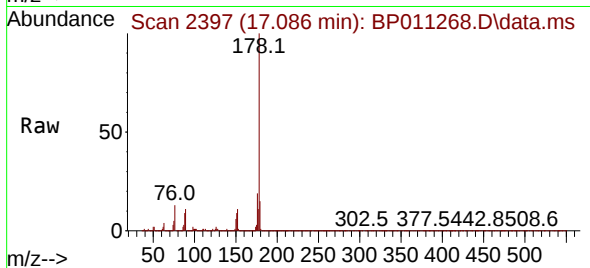
Tgt Ion:178 Resp: 1934197

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 19.1 15.4 23.2



#74

Anthracene

Concen: 37.382 ng/ul

RT: 17.180 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

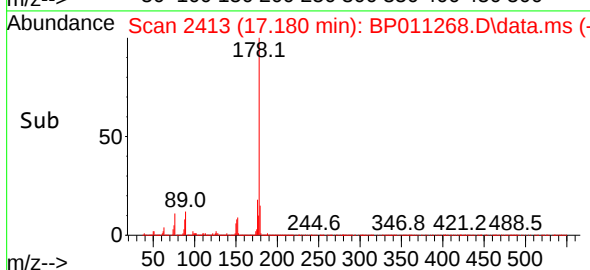
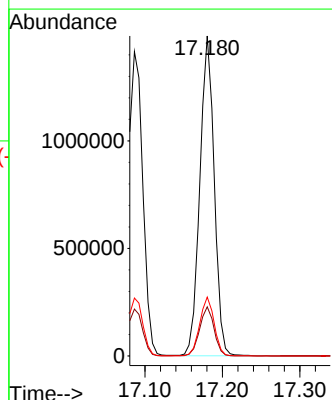
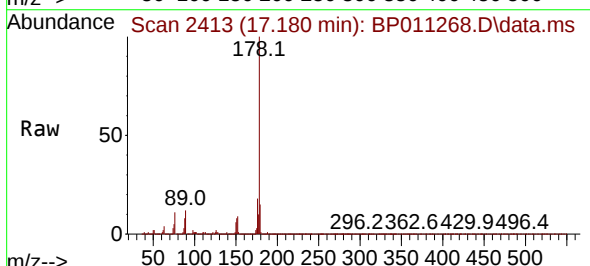
Tgt Ion:178 Resp: 1916524

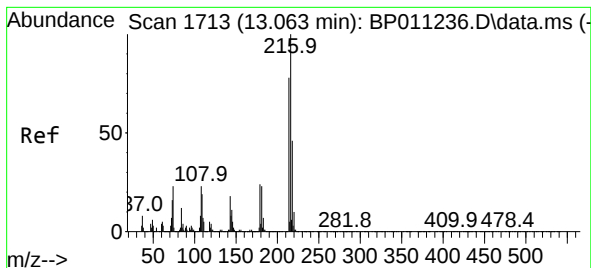
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.4 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.154 ng/uL

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

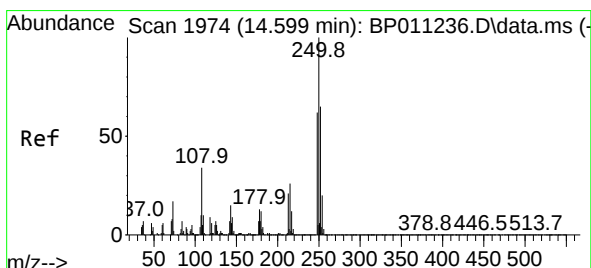
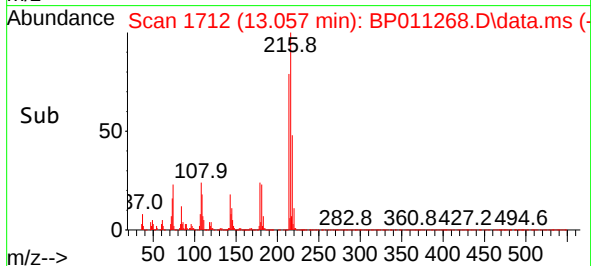
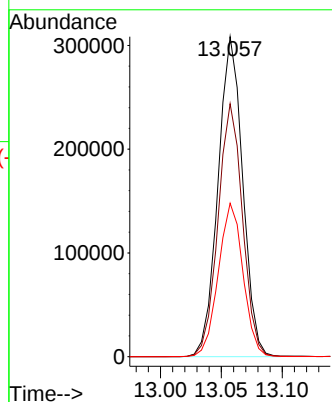
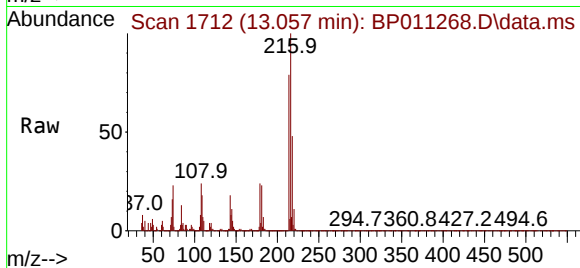
Tgt Ion:216 Resp: 434498

Ion Ratio Lower Upper

216 100

214 79.1 62.0 93.0

218 48.0 38.2 57.4



#76

Pentachlorobenzene

Concen: 36.305 ng/uL

RT: 14.592 min Scan# 1973

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

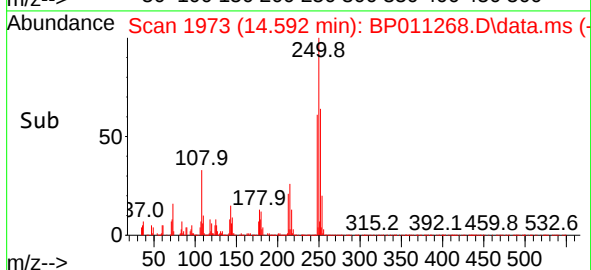
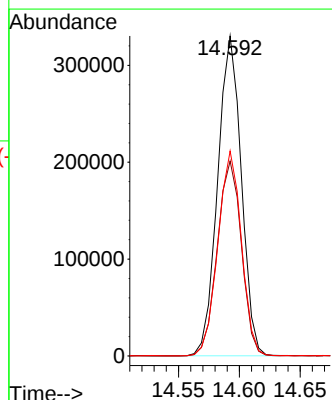
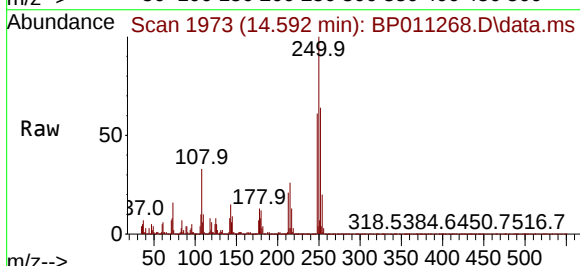
Tgt Ion:250 Resp: 445948

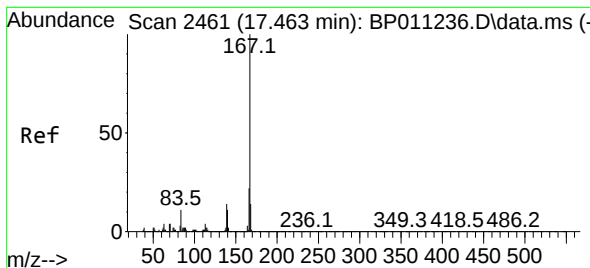
Ion Ratio Lower Upper

250 100

248 60.9 49.2 73.8

252 64.1 50.8 76.2





#77

Carbazole

Concen: 37.942 ng/ul

RT: 17.463 min Scan# 2461

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

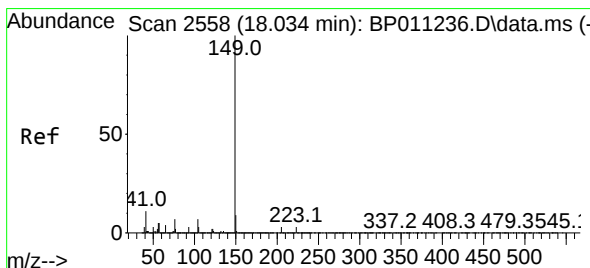
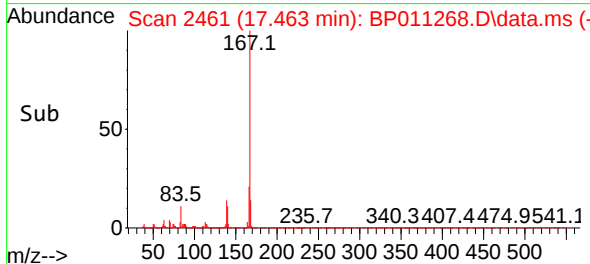
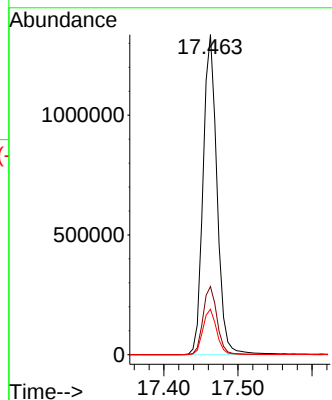
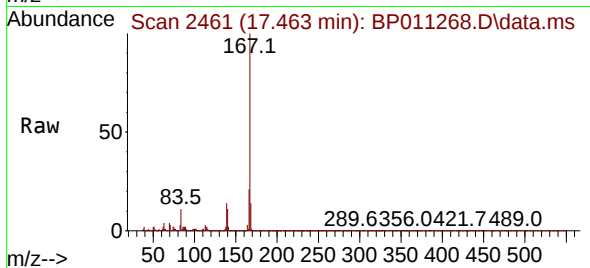
Tgt Ion:167 Resp: 1744642

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 14.2 11.5 17.3



#78

Di-n-butylphthalate

Concen: 29.868 ng/ul

RT: 18.033 min Scan# 2558

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

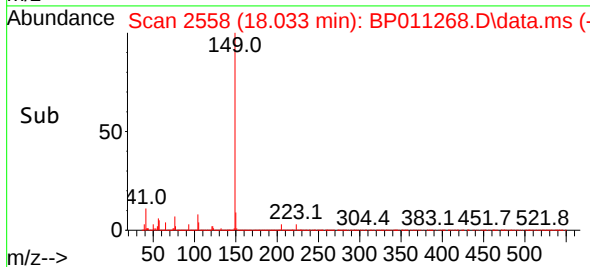
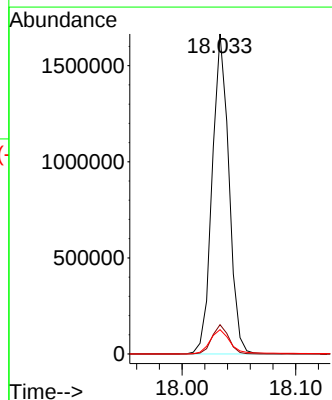
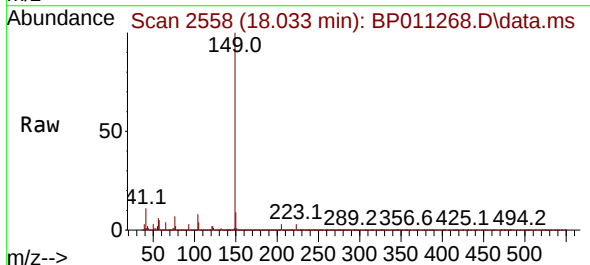
Tgt Ion:149 Resp: 1703636

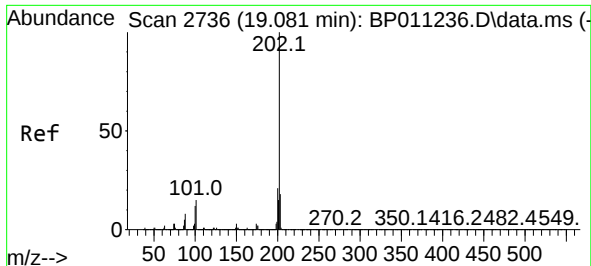
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 7.6 5.1 7.7

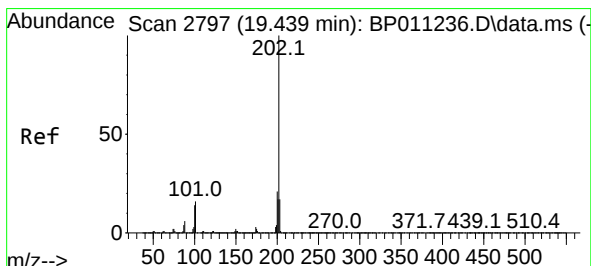
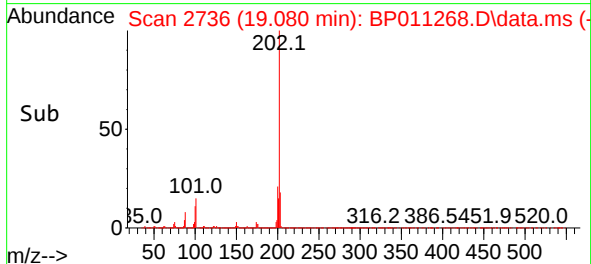
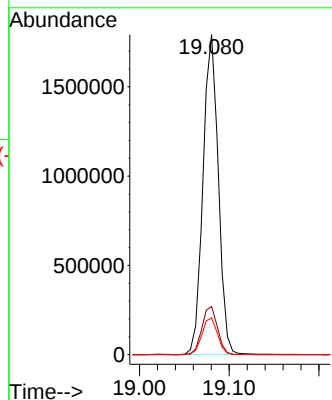
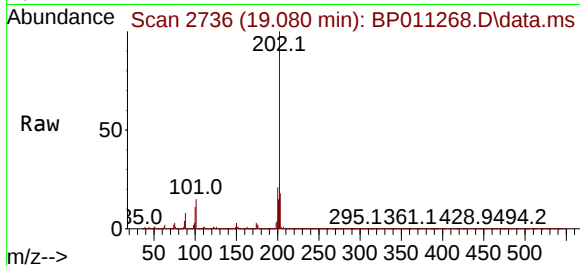




#80
Fluoranthene
Concen: 34.345 ng/ul
RT: 19.080 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

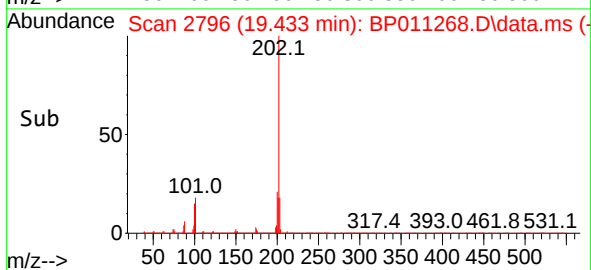
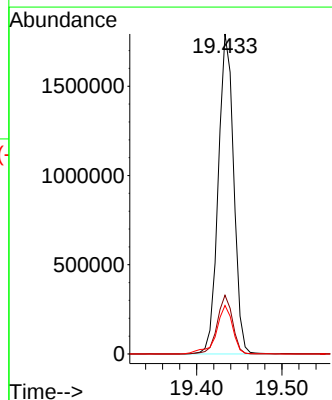
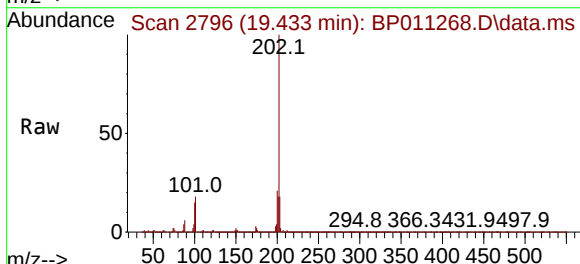
Instrument :
BNA_P
ClientSampleId :

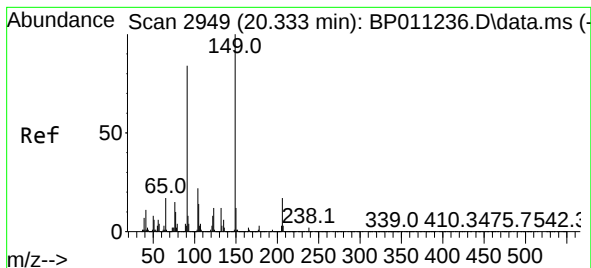
Tgt Ion:202 Resp: 2121503
Ion Ratio Lower Upper
202 100
101 15.1 11.9 17.9
100 11.5 9.3 13.9



#82
Pyrene
Concen: 34.998 ng/ul
RT: 19.433 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BP011268.D
Acq: 04 Aug 2022 17:14

Tgt Ion:202 Resp: 2255907
Ion Ratio Lower Upper
202 100
101 18.3 14.3 21.5
100 15.2 11.8 17.6





#83

Butylbenzylphthalate

Concen: 20.934 ng/ul

RT: 20.333 min Scan# 2949

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

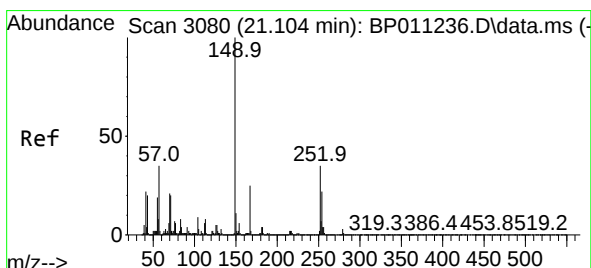
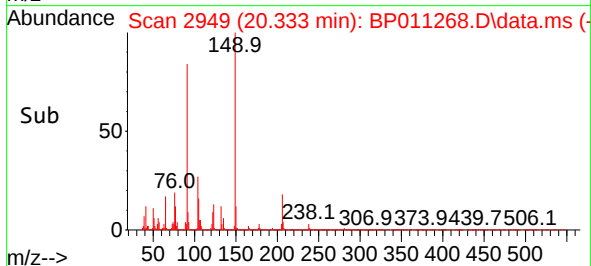
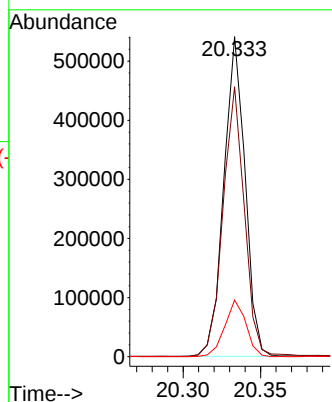
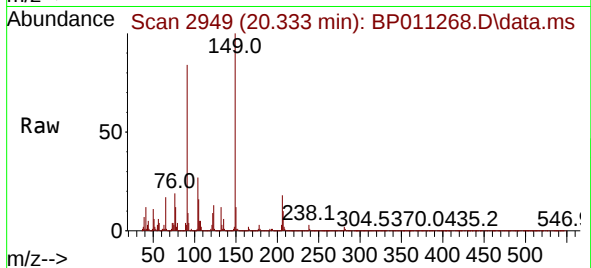
Tgt Ion:149 Resp: 515242

Ion Ratio Lower Upper

149 100

91 84.4 64.2 96.4

206 17.7 14.0 21.0



#84

3,3'-Dichlorobenzidine

Concen: 30.223 ng/ul

RT: 21.104 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

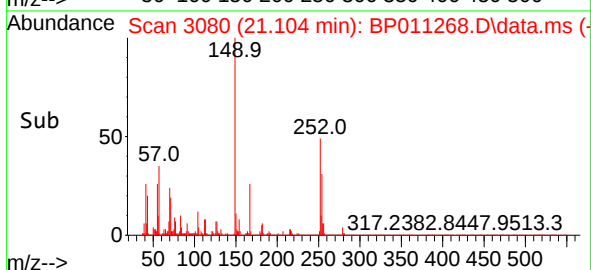
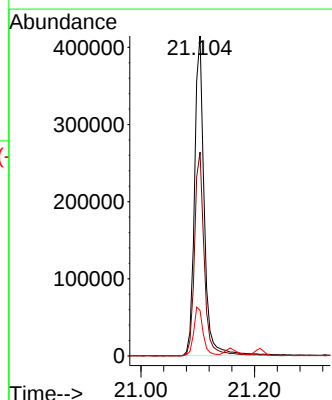
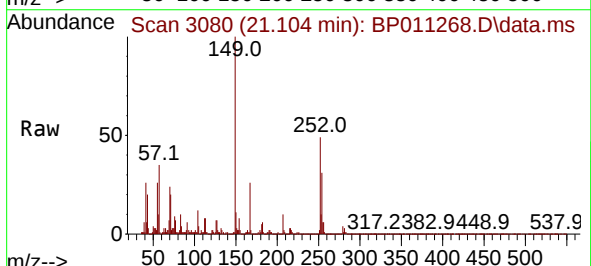
Tgt Ion:252 Resp: 493787

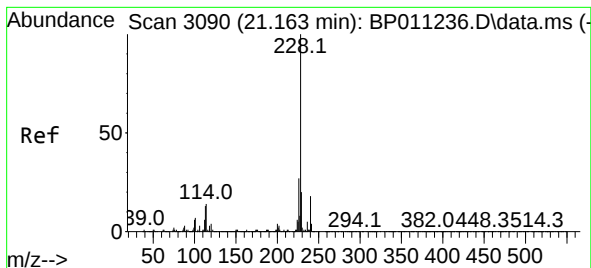
Ion Ratio Lower Upper

252 100

254 63.7 51.8 77.6

126 14.2 11.4 17.0





#85

Benzo(a)anthracene

Concen: 34.579 ng/ul

RT: 21.157 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

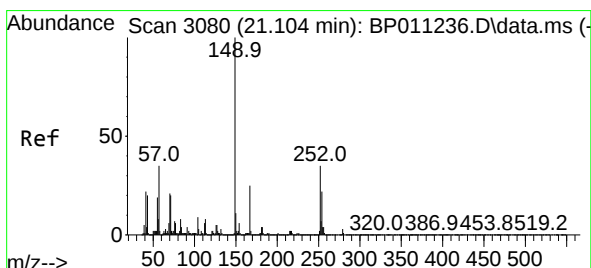
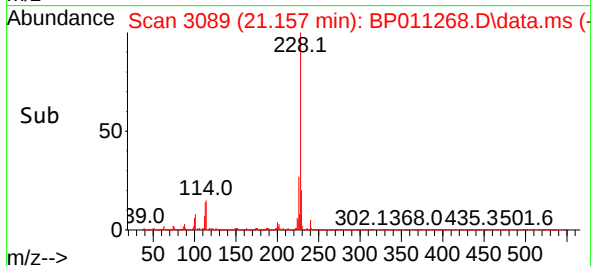
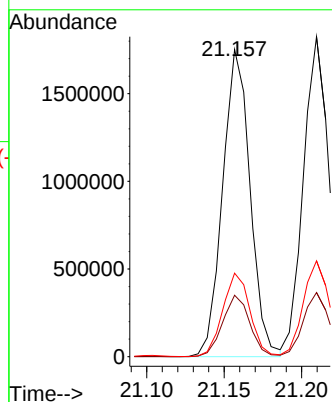
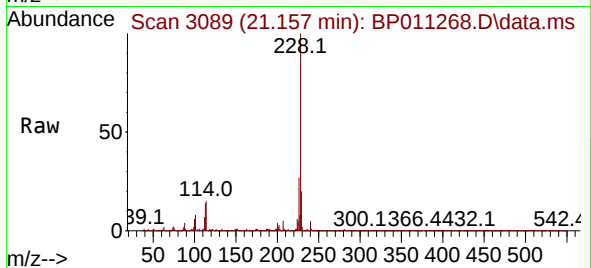
Tgt Ion:228 Resp: 2158943

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 27.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.402 ng/ul

RT: 21.098 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

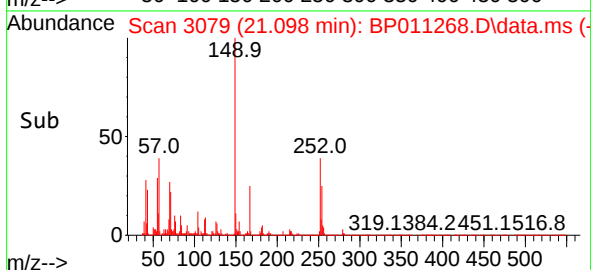
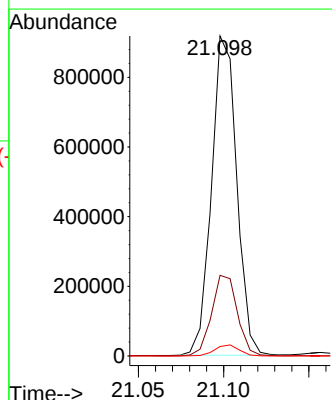
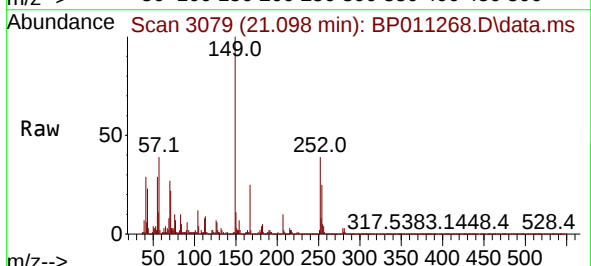
Tgt Ion:149 Resp: 942099

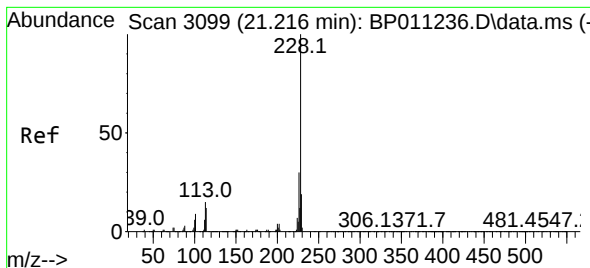
Ion Ratio Lower Upper

149 100

167 25.2 20.4 30.6

279 3.0 2.9 4.3





#87

Chrysene

Concen: 34.577 ng/ul

RT: 21.210 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

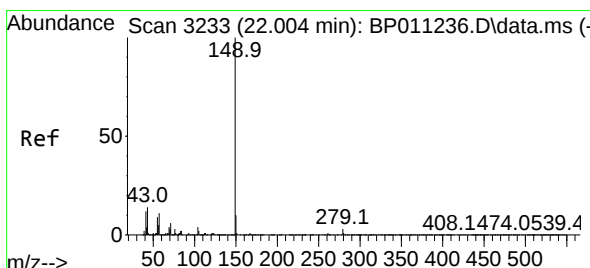
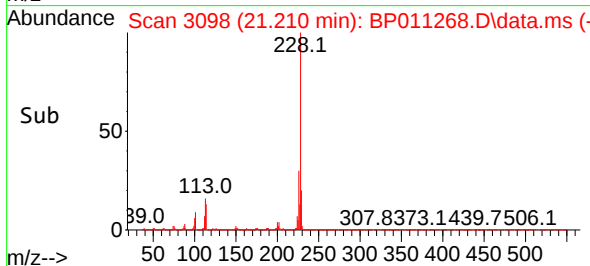
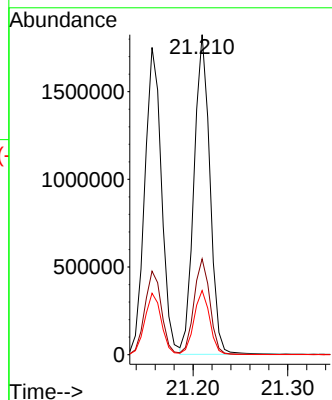
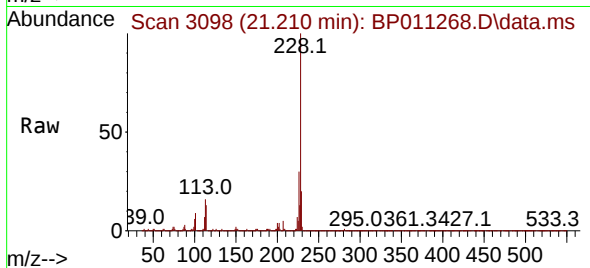
Tgt Ion:228 Resp: 2124896

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 20.1 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 26.373 ng/ul

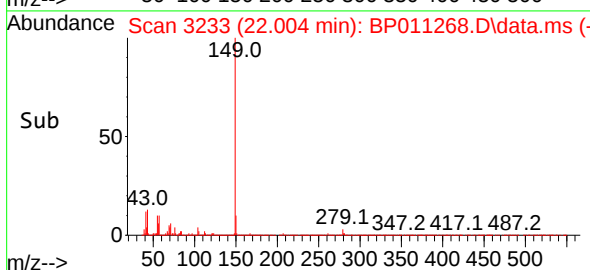
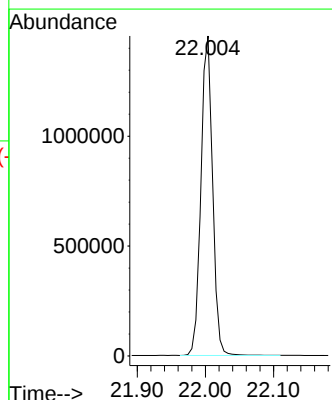
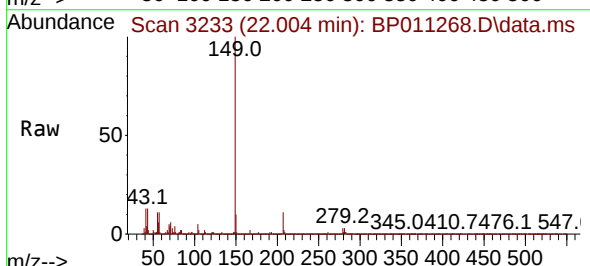
RT: 22.004 min Scan# 3233

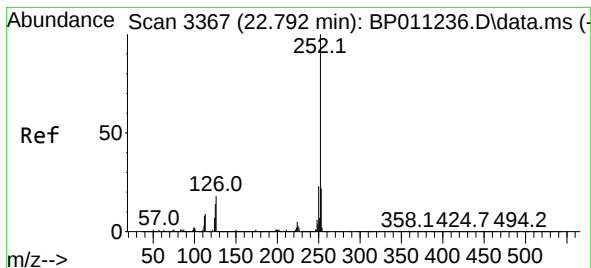
Delta R.T. -0.000 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Tgt Ion:149 Resp: 1721790





#90

Benzo(b)fluoranthene

Concen: 37.087 ng/ul

RT: 22.786 min Scan# 3366

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

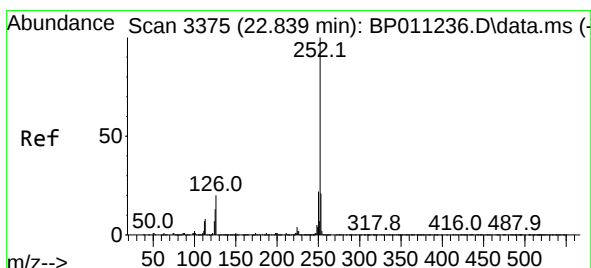
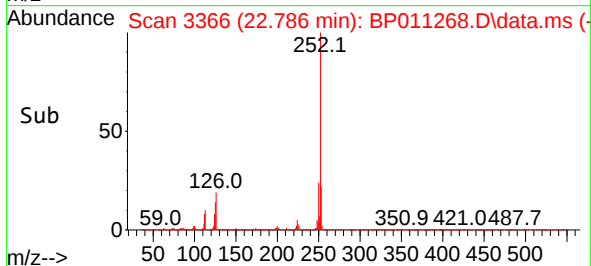
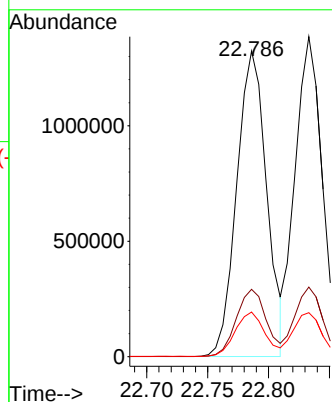
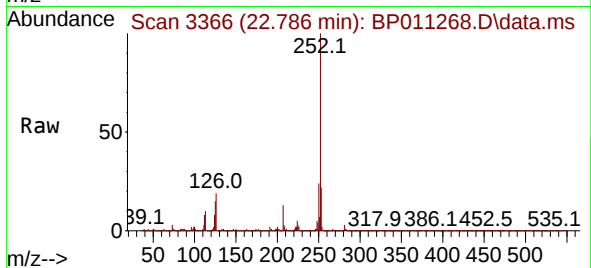
Tgt Ion:252 Resp: 2262411

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 14.6 10.8 16.2



#91

Benzo(k)fluoranthene

Concen: 37.825 ng/ul

RT: 22.833 min Scan# 3374

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

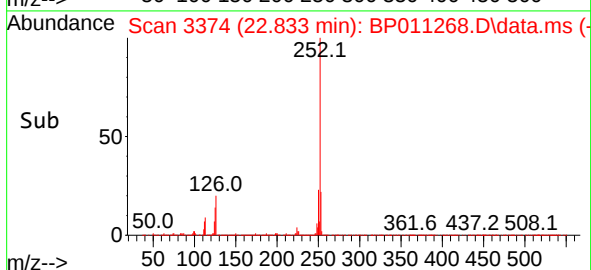
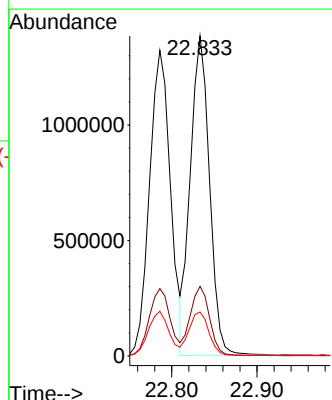
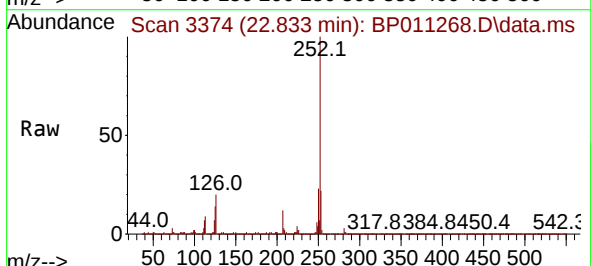
Tgt Ion:252 Resp: 2164782

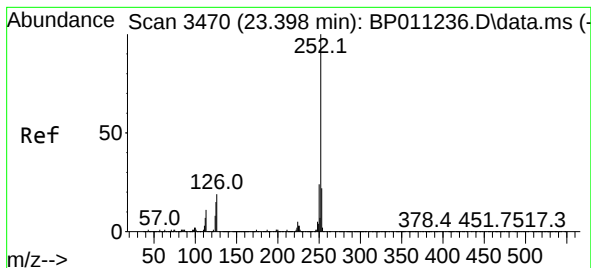
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 13.7 11.0 16.6





#93

Benzo(a)pyrene

Concen: 36.943 ng/ul

RT: 23.386 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

Instrument :

BNA_P

ClientSampleId :

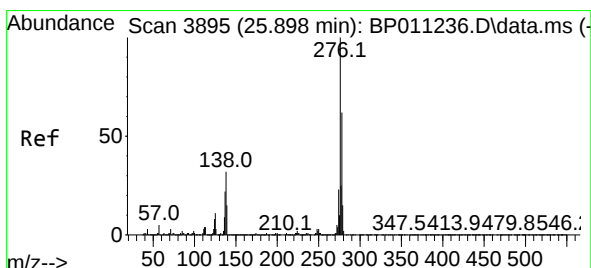
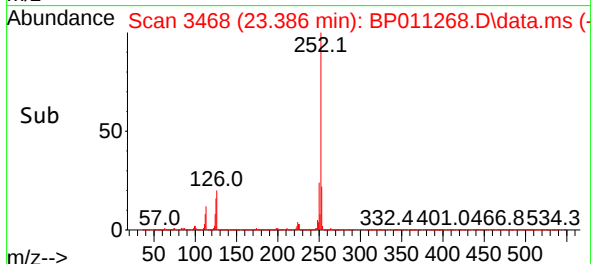
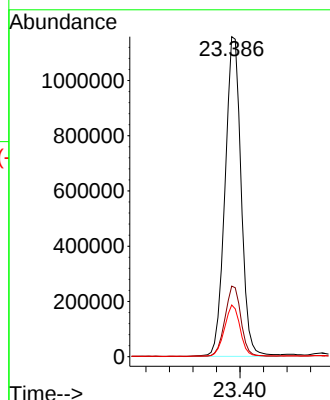
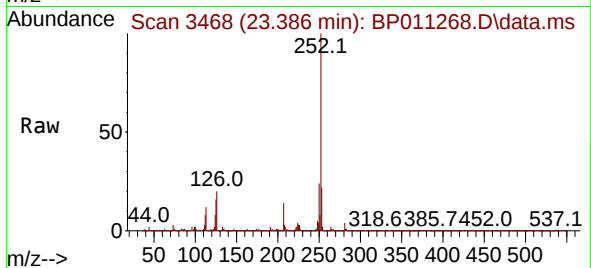
Tgt Ion:252 Resp: 2193739

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 16.1 12.5 18.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.024 ng/ul

RT: 25.886 min Scan# 3893

Delta R.T. -0.006 min

Lab File: BP011268.D

Acq: 04 Aug 2022 17:14

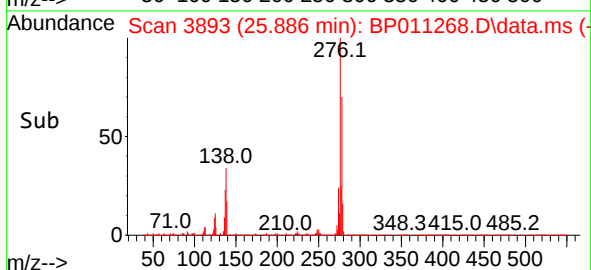
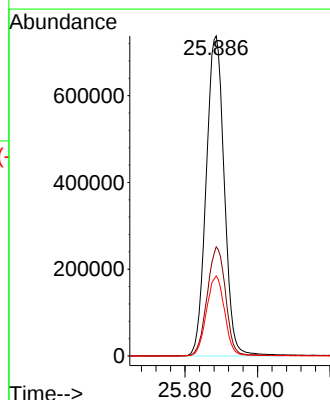
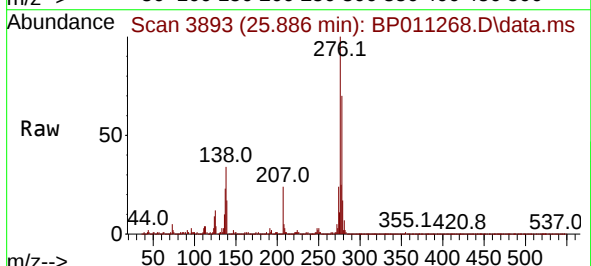
Tgt Ion:276 Resp: 2552958

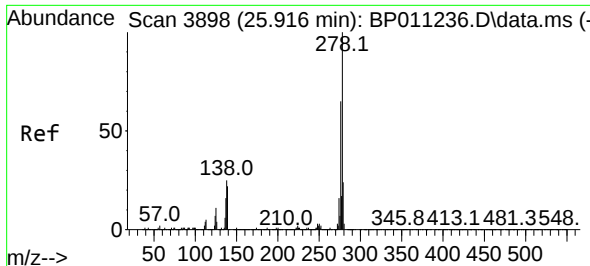
Ion Ratio Lower Upper

276 100

138 34.1 25.5 38.3

277 25.0 19.8 29.8

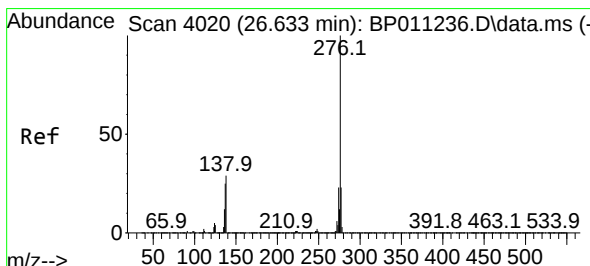
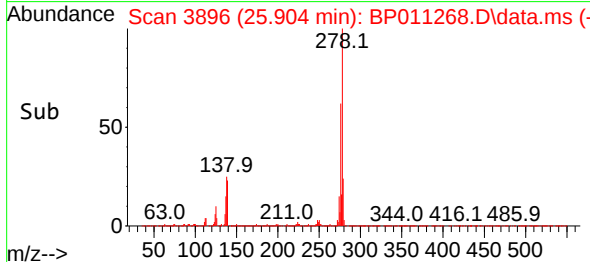
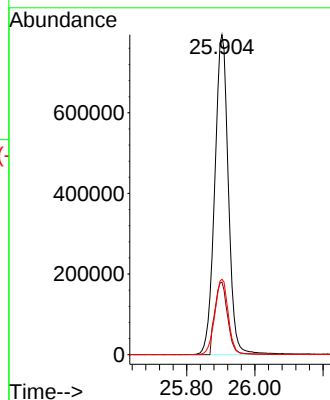
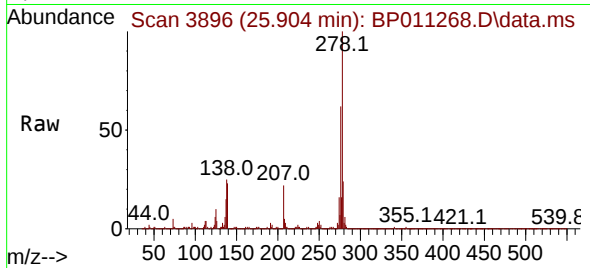




#95
 Dibenzo(a,h)anthracene
 Concen: 36.726 ng/ul
 RT: 25.904 min Scan# 3896
 Delta R.T. -0.006 min
 Lab File: BP011268.D
 Acq: 04 Aug 2022 17:14

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 2207092
 Ion Ratio Lower Upper
 278 100
 139 22.7 18.5 27.7
 279 23.6 19.6 29.4



#96
 Benzo(g,h,i)perylene
 Concen: 35.546 ng/ul
 RT: 26.615 min Scan# 4017
 Delta R.T. -0.012 min
 Lab File: BP011268.D
 Acq: 04 Aug 2022 17:14

Tgt Ion:276 Resp: 2158680
 Ion Ratio Lower Upper
 276 100
 138 30.6 22.8 34.2
 277 24.0 18.5 27.7

