

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011545.D
 Acq On : 24 Aug 2022 17:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 25 02:16:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 02:14:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	53868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	236112	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.222	164	147220	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.992	188	305405	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	306408	20.000	ng/u1	0.00
88) Perylene-d12	23.415	264	319354	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	13192	7.600	ng/uL	0.00
4) Pyridine-d5	3.475	84	82889	18.650	ng/u1	0.00
7) Phenol-d5	6.734	99	88194	17.816	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	58554	18.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	72870	20.014	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	71804	18.122	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	34726	20.429	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	35511	20.527	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	65676	20.567	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	102033	19.195	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	204184	19.609	ng/u1	0.00
49) Acenaphthylene-d8	13.910	160	232975	20.131	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	36250	18.069	ng/u1	0.00
60) Fluorene-d10	15.228	176	180718	20.630	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	29541	17.901	ng/u1	0.00
73) Anthracene-d10	17.092	188	279762	20.683	ng/u1	0.00
81) Pyrene-d10	19.357	212	302293	19.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.263	264	316071	20.346	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	14078	7.778	ng/uL	95
5) Pyridine	3.493	79	82189	18.527	ng/u1#	86
6) Benzaldehyde	6.705	77	50511	22.234	ng/u1	99
8) Phenol	6.763	94	91920	18.069	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.993	93	71697	18.068	ng/u1	97
12) 2-Chlorophenol	7.116	128	76687	19.574	ng/u1	97
13) 2-Methylphenol	8.005	108	68541	18.289	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.081	45	63671	10.831	ng/u1	99
16) Acetophenone	8.381	105	121323	18.407	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.369	70	62586	19.090	ng/u1	89
18) 4-Methylphenol	8.334	108	75681	18.241	ng/u1	97
19) Hexachloroethane	8.616	117	36546	20.565	ng/u1	99
22) Nitrobenzene	8.757	77	97549	20.359	ng/u1	97
23) Isophorone	9.287	82	164814	19.596	ng/u1	98
25) 2-Nitrophenol	9.463	139	40001	20.266	ng/u1	89
26) 2,4-Dimethylphenol	9.534	107	95177	20.309	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.775	93	98893	19.453	ng/u1	97
29) 2,4-Dichlorophenol	9.993	162	67175	20.555	ng/u1	98
30) Naphthalene	10.387	128	246636	19.783	ng/u1	99
32) 4-Chloroaniline	10.516	127	105668	19.186	ng/u1	100
33) Hexachlorobutadiene	10.663	225	45436	21.839	ng/u1	99
34) Caprolactam	11.310	113	20875	17.616	ng/u1	97
35) 4-Chloro-3-methylphenol	11.657	107	80589	19.504	ng/u1	98
36) 2-Methylnaphthalene	12.016	142	161191	19.873	ng/u1	99

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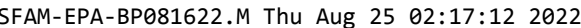
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 BNA_P
 ClientSampleId :

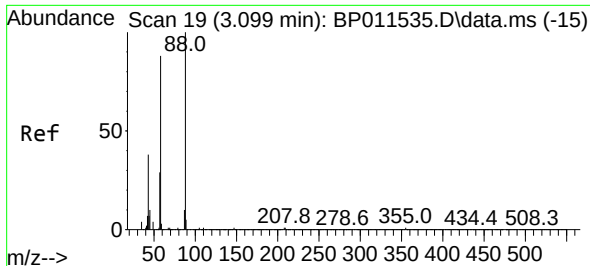
Quant Time: Aug 25 02:16:58 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	165120	20.072	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.387	216	75394	20.177	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	37065	15.989	ng/ul	98
41) 2,4,6-Trichlorophenol	12.640	196	49917	20.756	ng/ul	99
42) 2,4,5-Trichlorophenol	12.710	196	55652	20.788	ng/ul	96
43) 1,1'-Biphenyl	13.051	154	216276	19.716	ng/ul	95
44) 2-Chloronaphthalene	13.087	162	166158	20.101	ng/ul	97
45) 2-Nitroaniline	13.310	65	55997	19.848	ng/ul	97
47) Dimethylphthalate	13.698	163	213544	19.843	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	36892	19.067	ng/ul	90
50) Acenaphthylene	13.945	152	278314	20.243	ng/ul	98
51) 3-Nitroaniline	14.151	138	36228	17.190	ng/ul#	98
52) Acenaphthene	14.287	153	188404	20.459	ng/ul	99
53) 2,4-Dinitrophenol	14.363	184	19187	16.202	ng/ul	94
55) 4-Nitrophenol	14.469	109	47678	19.946	ng/ul	89
56) Dibenzofuran	14.628	168	260324	20.500	ng/ul	98
57) 2,4-Dinitrotoluene	14.616	165	59360	20.493	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.857	232	46105	21.935	ng/ul	99
59) Diethylphthalate	15.075	149	244511	20.744	ng/ul	98
61) Fluorene	15.281	166	215011	20.696	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	98181	20.920	ng/ul	99
63) 4-Nitroaniline	15.322	138	35959	17.664	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.381	198	32177	18.849	ng/ul#	91
67) N-Nitrosodiphenylamine	15.504	169	183518	20.482	ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	56805	20.836	ng/ul	96
69) Hexachlorobenzene	16.286	284	65799	20.942	ng/ul	98
70) Atrazine	16.475	200	65153	19.485	ng/ul	98
71) Pentachlorophenol	16.645	266	37589	19.294	ng/ul	98
72) Phenanthrene	17.039	178	333316	20.164	ng/ul	99
74) Anthracene	17.128	178	343074	20.571	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.004	216	78898	20.097	ng/uL	96
76) Pentachlorobenzene	14.539	250	79462	21.331	ng/uL	97
77) Carbazole	17.410	167	313527	19.987	ng/ul	99
78) Di-n-butylphthalate	17.986	149	413501	21.406	ng/ul	99
80) Fluoranthene	19.033	202	371310	19.476	ng/ul	96
82) Pyrene	19.386	202	397767	19.857	ng/ul	96
83) Butylbenzylphthalate	20.286	149	183328	20.401	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.051	252	112307	19.361	ng/ul	100
85) Benzo(a)anthracene	21.110	228	381596	20.441	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.051	149	275015	20.681	ng/ul	98
87) Chrysene	21.163	228	377966	20.611	ng/ul	99
89) Di-n-octyl phthalate	21.945	149	480726	18.726	ng/ul	100
90) Benzo(b)fluoranthene	22.715	252	391550	19.710	ng/ul	99
91) Benzo(k)fluoranthene	22.763	252	383154	20.211	ng/ul	98
93) Benzo(a)pyrene	23.310	252	395272	20.381	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.774	276	436310	20.169	ng/ul	99
95) Dibenzo(a,h)anthracene	25.792	278	379875	20.394	ng/ul	97
96) Benzo(g,h,i)perylene	26.486	276	363642	19.762	ng/ul	97

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

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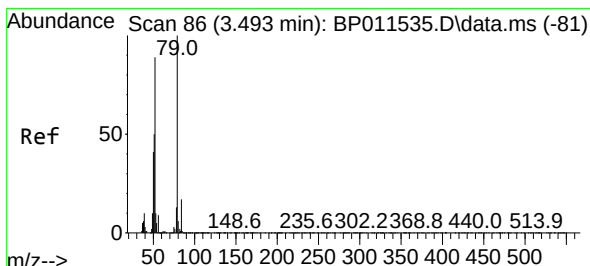
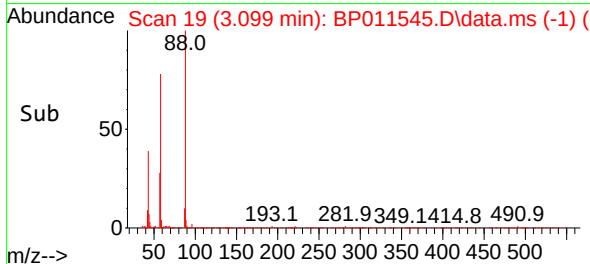
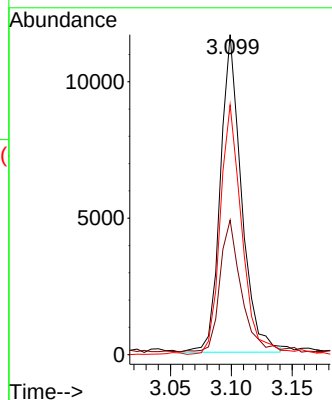
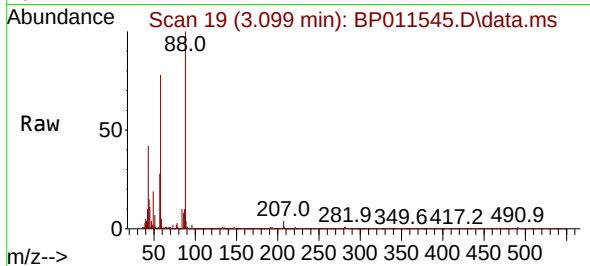




#2
1,4-Dioxane
Concen: 7.778 ng/uL
RT: 3.099 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

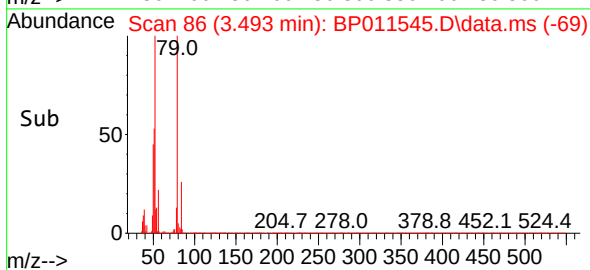
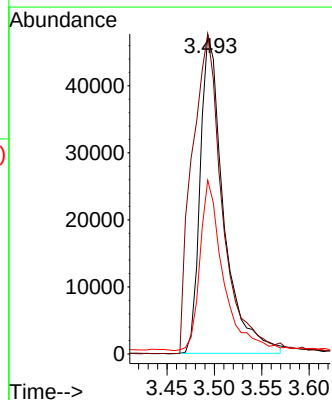
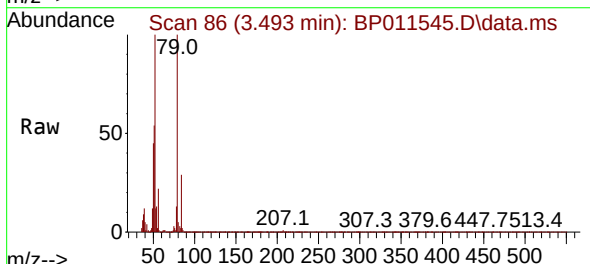
Instrument :
BNA_P
ClientSampleId :

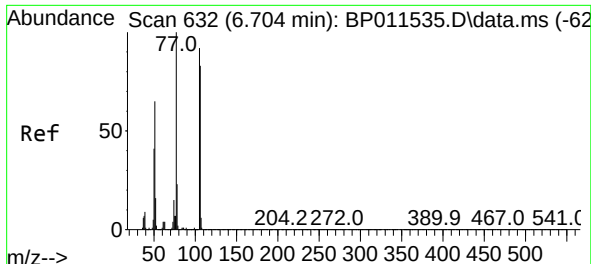
Tgt Ion: 88 Resp: 14078
Ion Ratio Lower Upper
88 100
43 42.1 29.0 43.4
58 78.1 64.7 97.1



#5
Pyridine
Concen: 18.527 ng/uL
RT: 3.493 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 79 Resp: 82189
Ion Ratio Lower Upper
79 100
52 100.3 70.2 105.2
51 54.4 36.1 54.1#

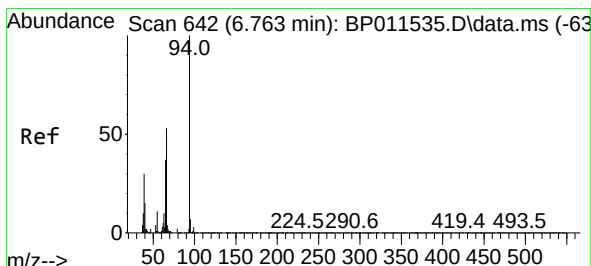
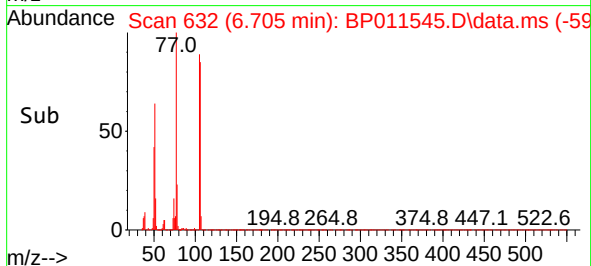
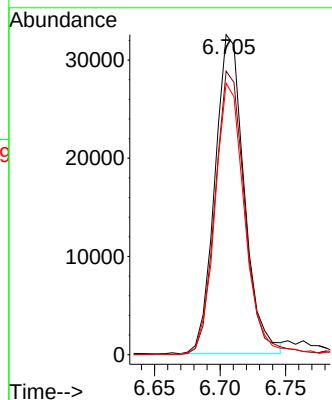
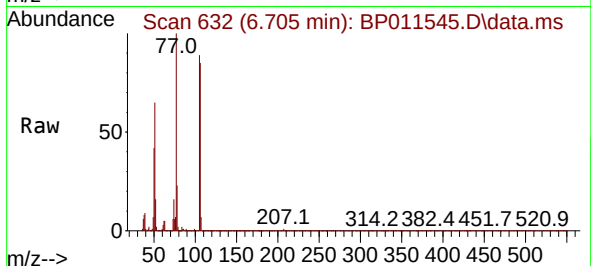




#6
Benzaldehyde
Concen: 22.234 ng/ul
RT: 6.705 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

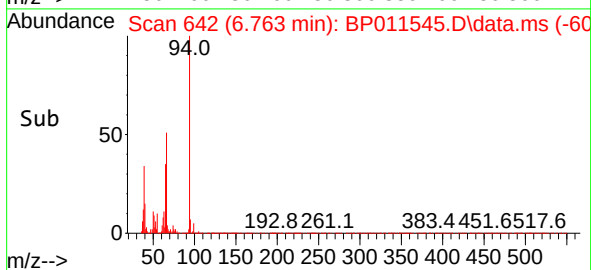
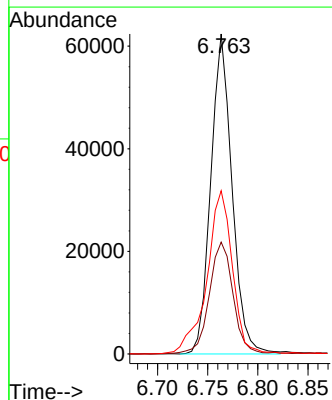
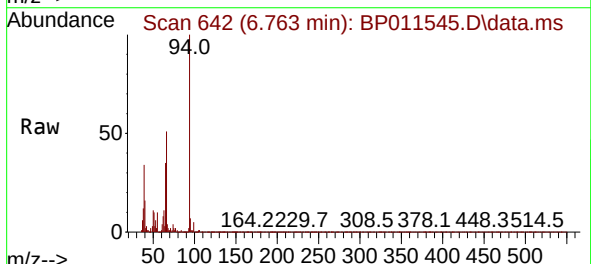
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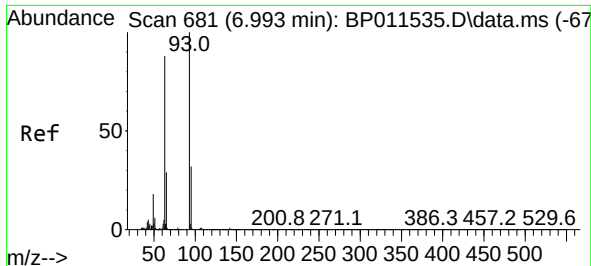
Tgt Ion: 77 Resp: 50511
Ion Ratio Lower Upper
77 100
105 88.6 72.0 108.0
106 84.8 67.4 101.0



#8
Phenol
Concen: 18.069 ng/ul
RT: 6.763 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

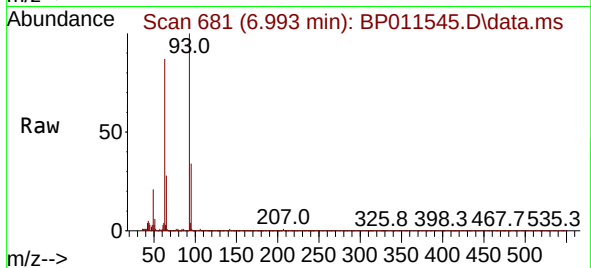
Tgt Ion: 94 Resp: 91920
Ion Ratio Lower Upper
94 100
65 34.9 28.9 43.3
66 51.0 39.4 59.0



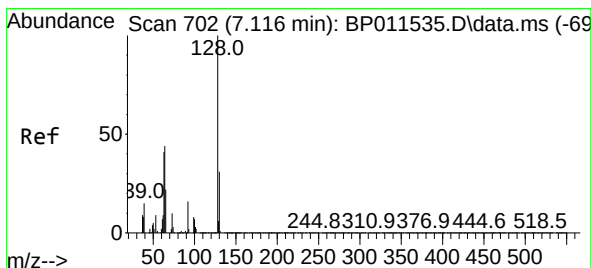
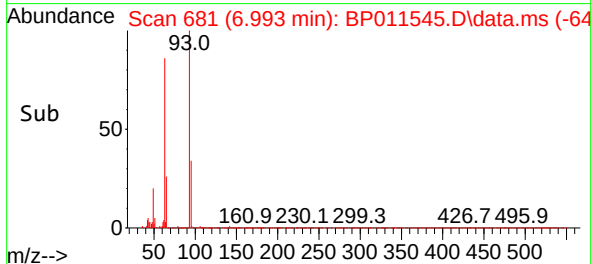
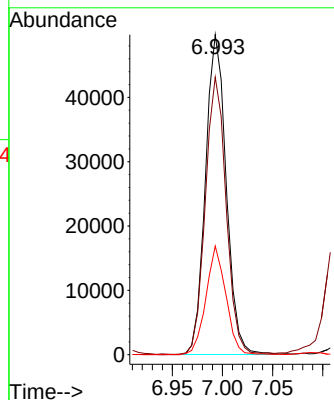


#10
 Bis(2-Chloroethyl)ether
 Concen: 18.068 ng/ul
 RT: 6.993 min Scan# 681
 Delta R.T. 0.000 min
 Lab File: BP011545.D
 Acq: 24 Aug 2022 17:50

Instrument :
 BNA_P
 ClientSampleId :

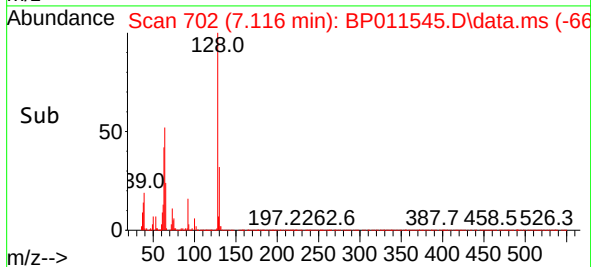
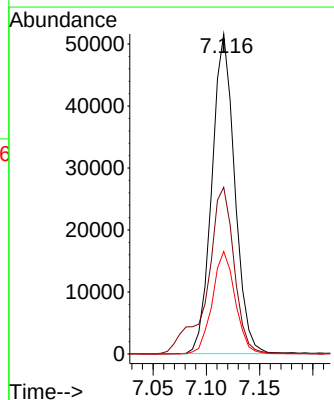
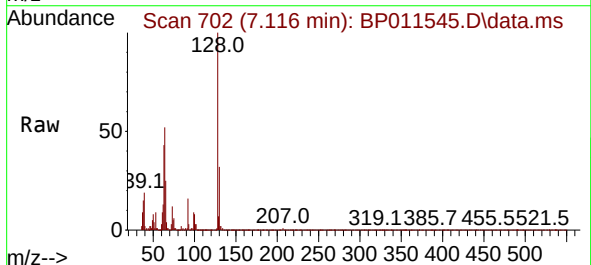


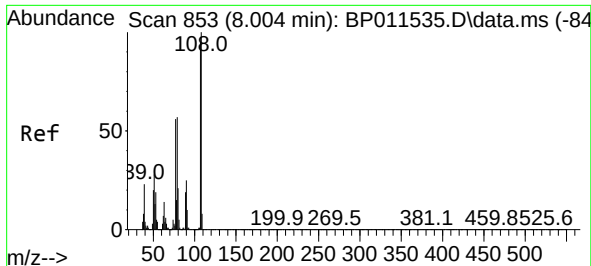
Tgt Ion:	93	Resp:	71697
Ion	Ratio	Lower	Upper
93	100		
63	86.8	67.8	101.6
95	33.9	25.0	37.6



#12
 2-Chlorophenol
 Concen: 19.574 ng/ul
 RT: 7.116 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: BP011545.D
 Acq: 24 Aug 2022 17:50

Tgt Ion:	128	Resp:	76687
Ion	Ratio	Lower	Upper
128	100		
64	52.1	40.2	60.2
130	32.0	24.6	37.0





#13

2-Methylphenol

Concen: 18.289 ng/ul

RT: 8.005 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

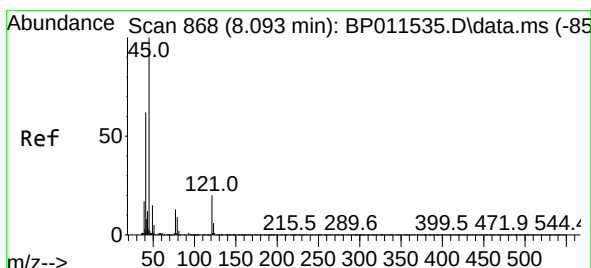
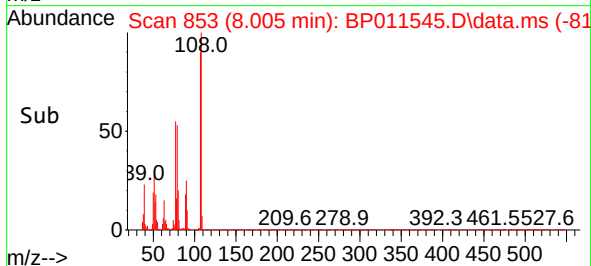
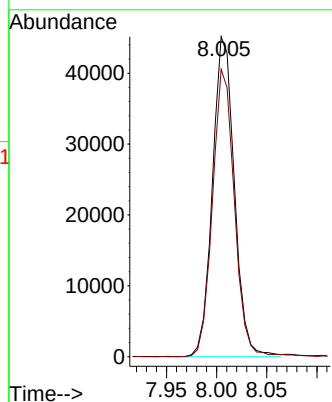
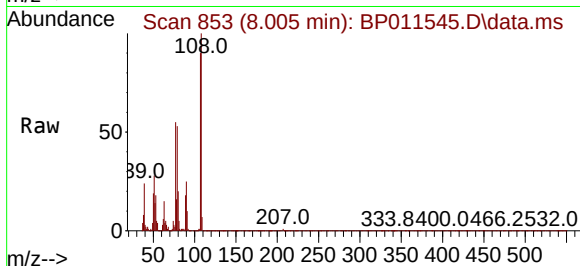
ClientSampleId :

Tgt Ion:108 Resp: 68541

Ion Ratio Lower Upper

108 100

107 89.8 73.2 109.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.831 ng/ul

RT: 8.081 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP011545.D

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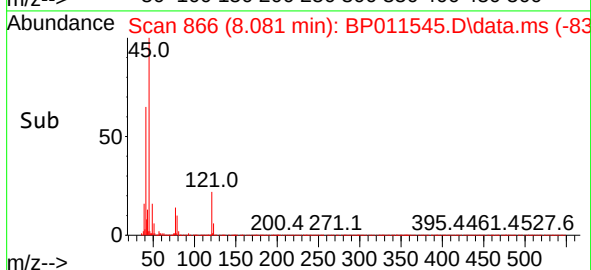
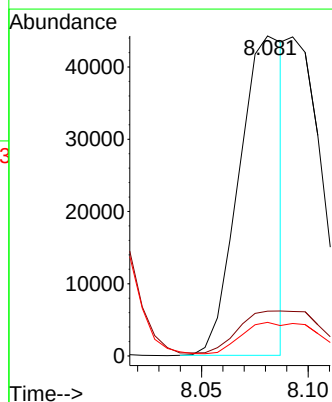
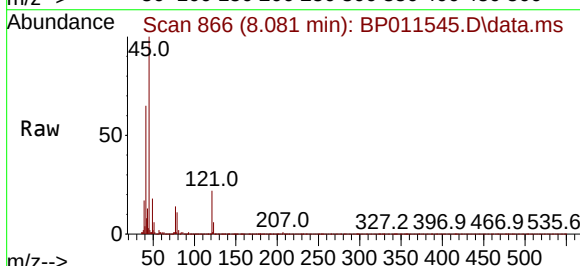
Tgt Ion: 45 Resp: 63671

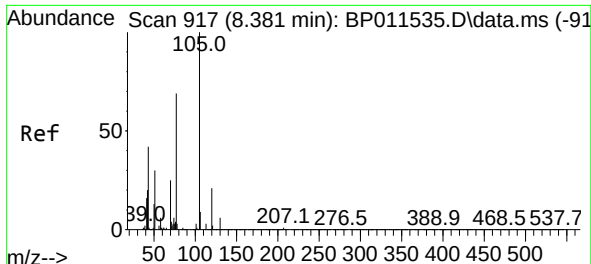
Ion Ratio Lower Upper

45 100

77 14.0 11.4 17.0

79 10.5 8.6 13.0

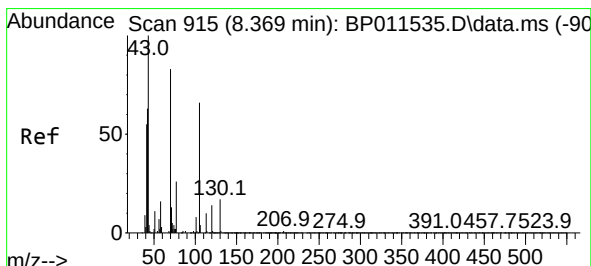
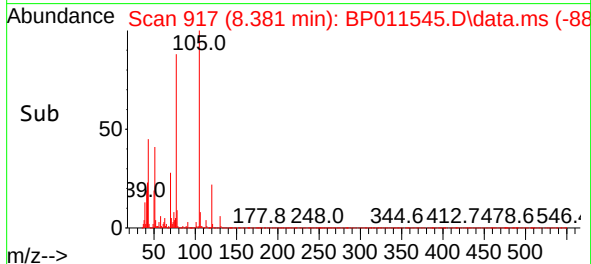
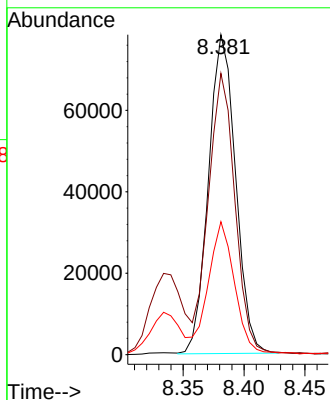
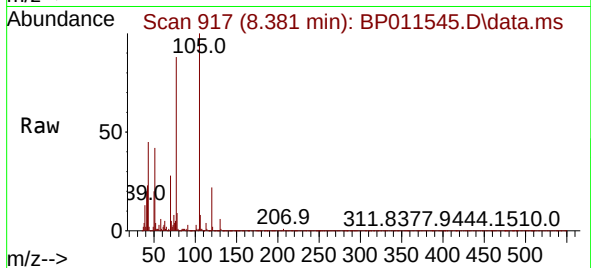




#16
Acetophenone
Concen: 18.407 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP011545.D
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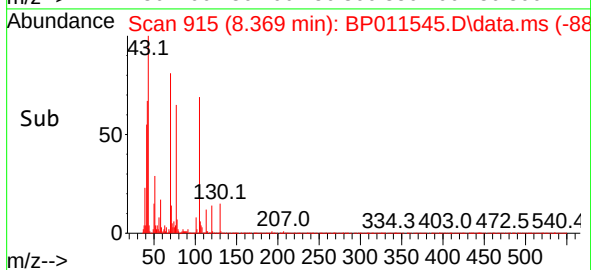
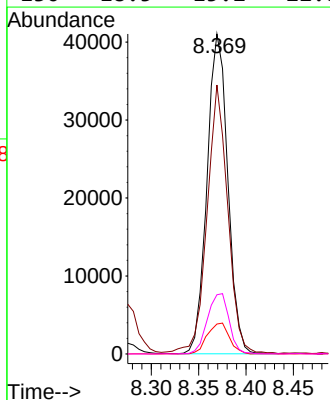
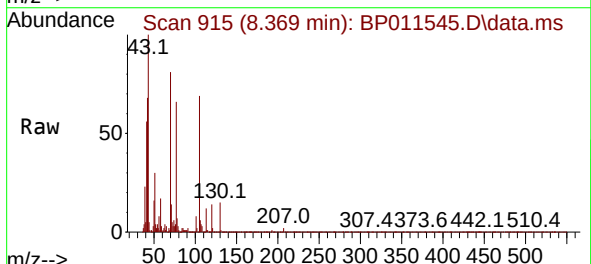
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BNA_P
ClientSampleId :

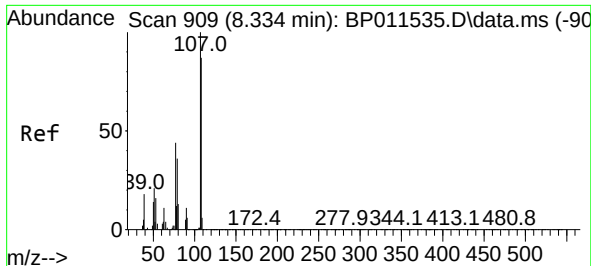
Tgt Ion:105 Resp: 121323
Ion Ratio Lower Upper
105 100
77 87.9 66.4 99.6
51 41.6 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 19.090 ng/ul
RT: 8.369 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 70 Resp: 62586
Ion Ratio Lower Upper
70 100
42 84.0 57.0 85.4
101 9.4 7.6 11.4
130 18.5 15.2 22.8

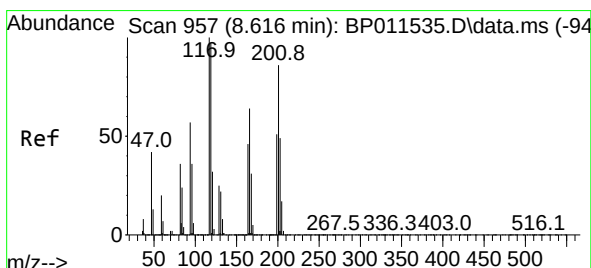
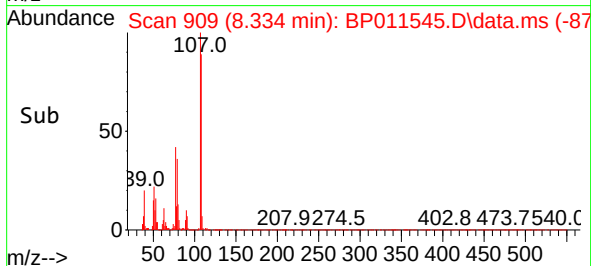
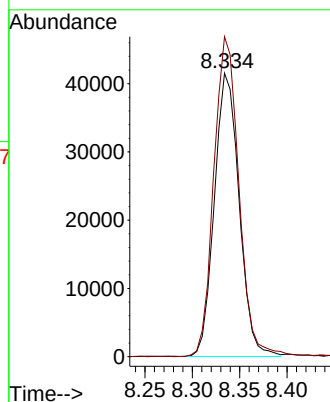
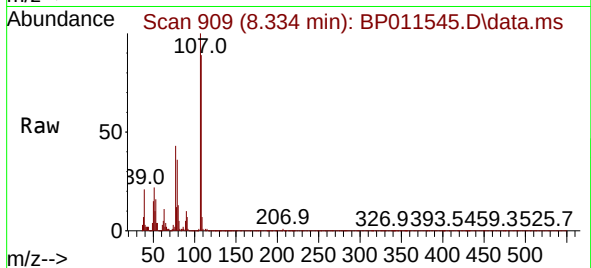




#18
4-Methylphenol
Concen: 18.241 ng/ul
RT: 8.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

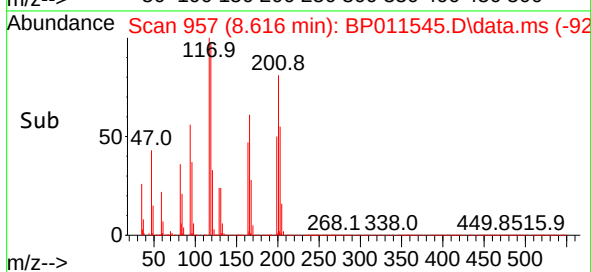
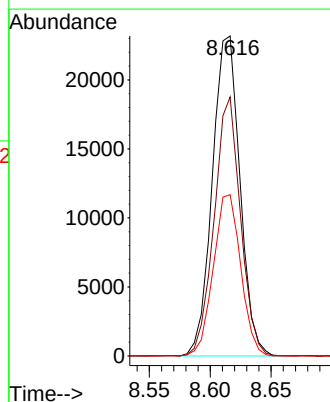
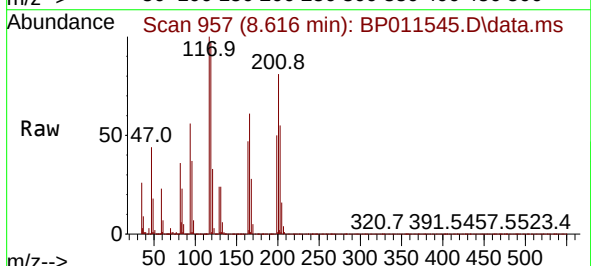
Instrument :
BNA_P
ClientSampleId :

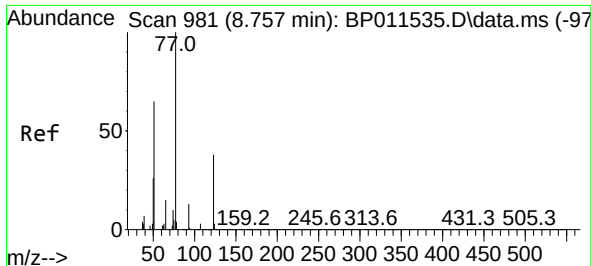
Tgt Ion:108 Resp: 75681
Ion Ratio Lower Upper
108 100
107 112.9 87.7 131.5



#19
Hexachloroethane
Concen: 20.565 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:117 Resp: 36546
Ion Ratio Lower Upper
117 100
201 81.0 64.2 96.4
199 50.4 41.0 61.6

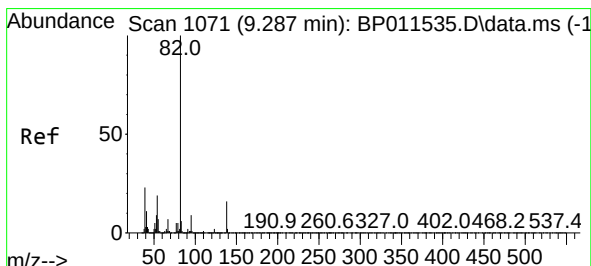
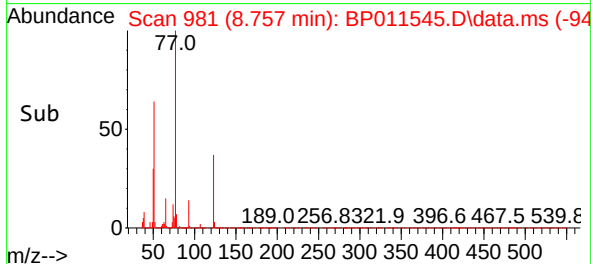
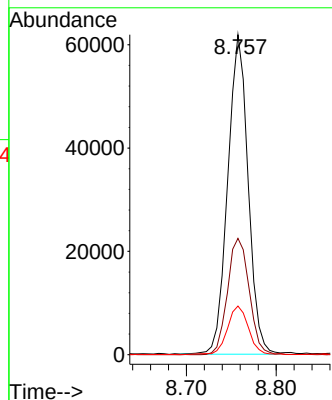
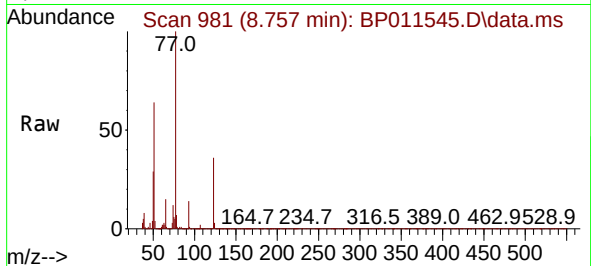




#22
Nitrobenzene
Concen: 20.359 ng/ul
RT: 8.757 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

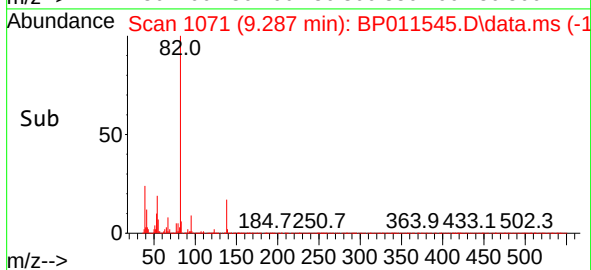
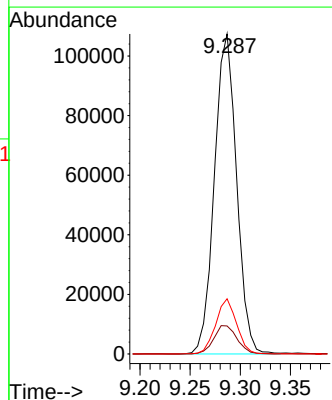
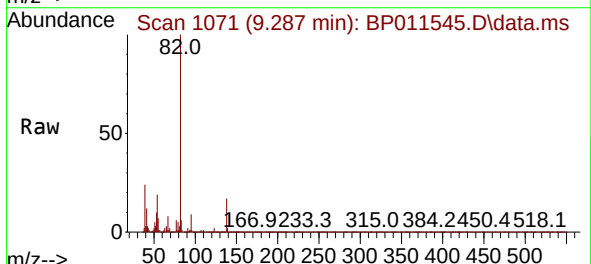
Instrument :
BNA_P
ClientSampleId :

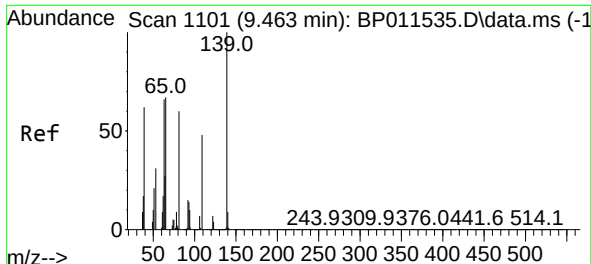
Tgt Ion: 77 Resp: 97549
Ion Ratio Lower Upper
77 100
123 36.4 30.4 45.6
65 15.2 11.5 17.3



#23
Isophorone
Concen: 19.596 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 82 Resp: 164814
Ion Ratio Lower Upper
82 100
95 8.8 7.1 10.7
138 17.2 12.6 19.0

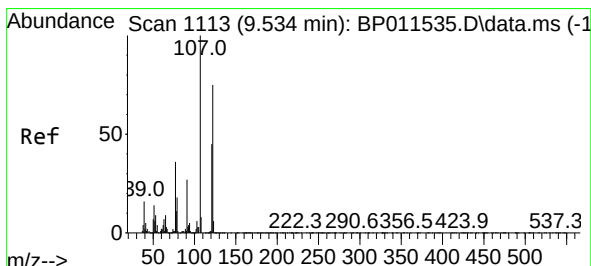
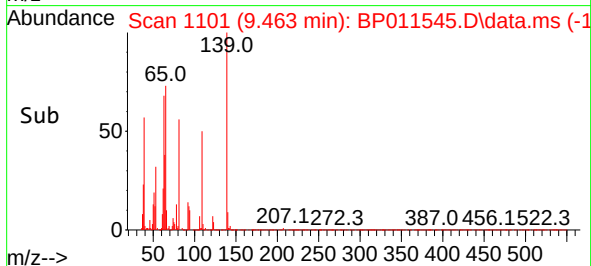
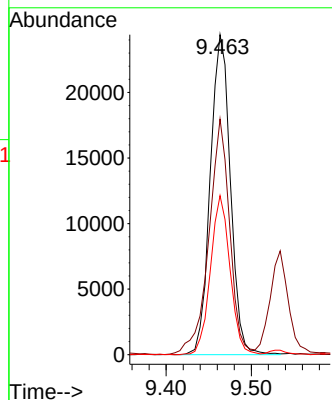
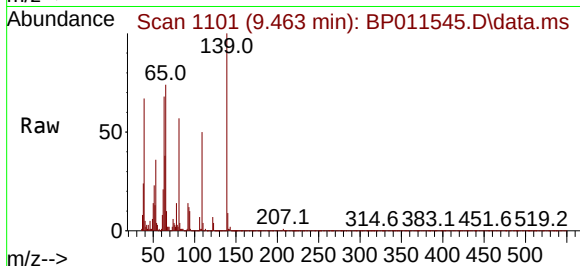




#25
2-Nitrophenol
Concen: 20.266 ng/ul
RT: 9.463 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

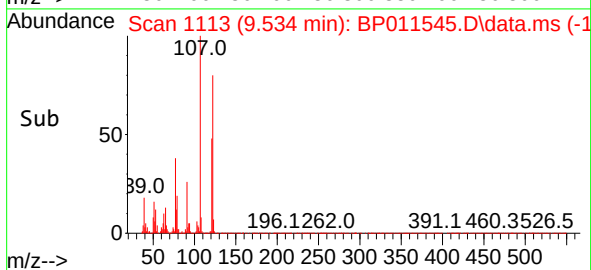
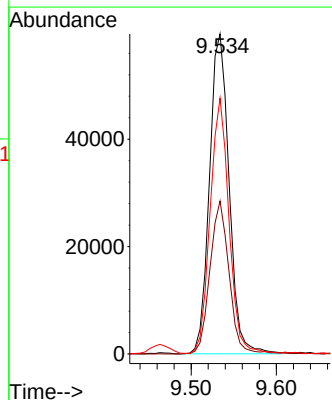
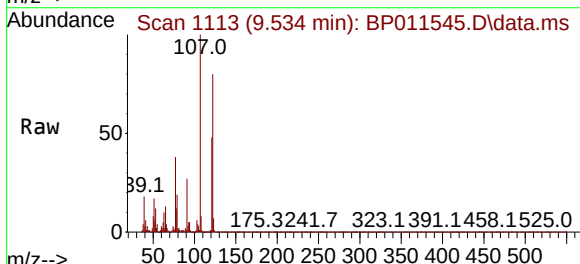
Instrument :
BNA_P
ClientSampleId :

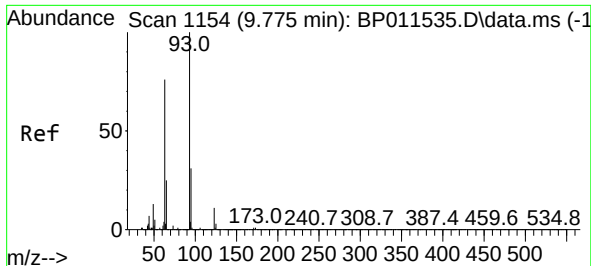
Tgt Ion	Ratio	Lower	Upper
139	100		
65	73.6	50.4	75.6
109	49.7	35.5	53.3



#26
2,4-Dimethylphenol
Concen: 20.309 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.8	36.6	55.0
122	80.0	58.7	88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 19.453 ng/ul

RT: 9.775 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

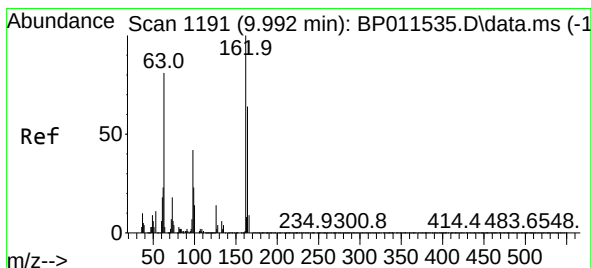
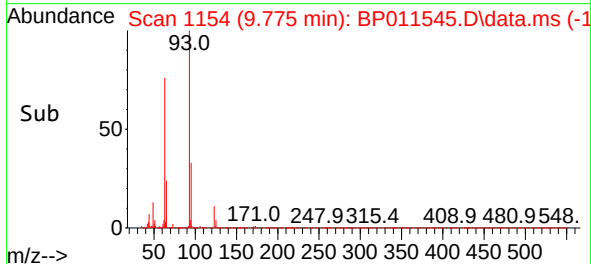
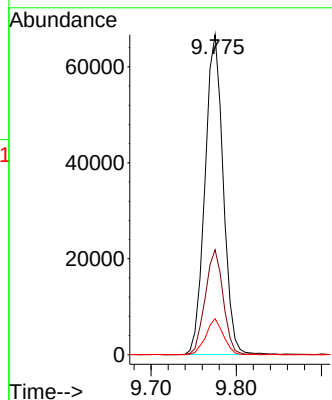
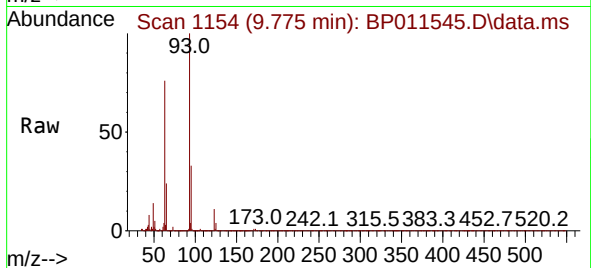
Tgt Ion: 93 Resp: 98893

Ion Ratio Lower Upper

93 100

95 32.8 24.8 37.2

123 11.3 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 20.555 ng/ul

RT: 9.993 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

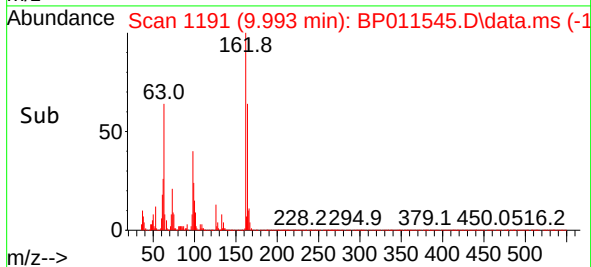
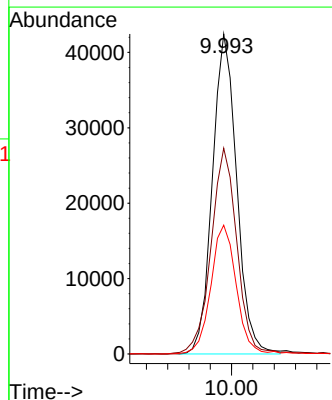
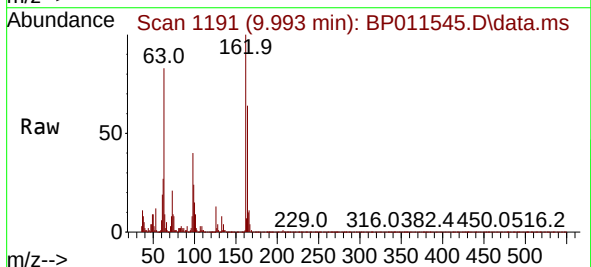
Tgt Ion:162 Resp: 67175

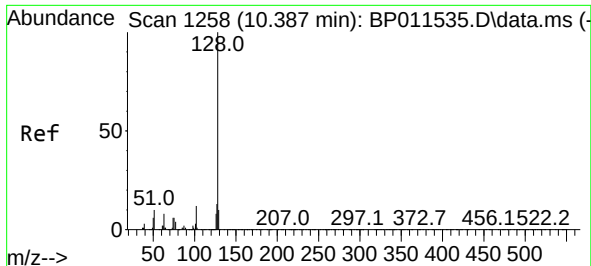
Ion Ratio Lower Upper

162 100

164 64.3 50.2 75.2

98 40.2 32.9 49.3

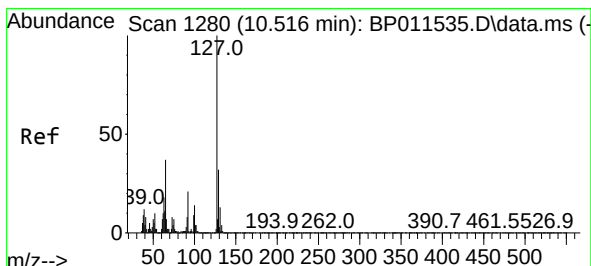
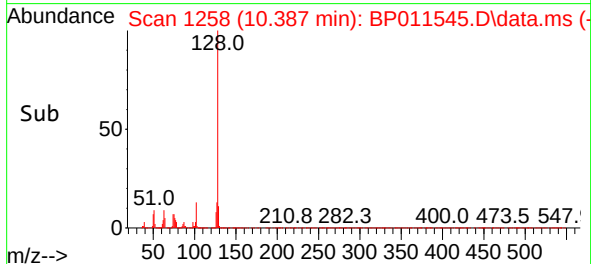
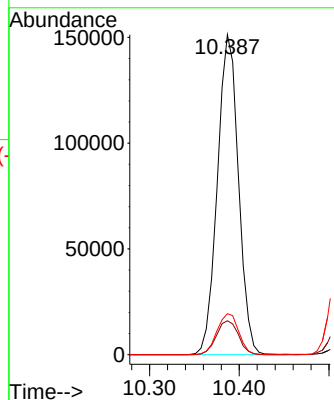
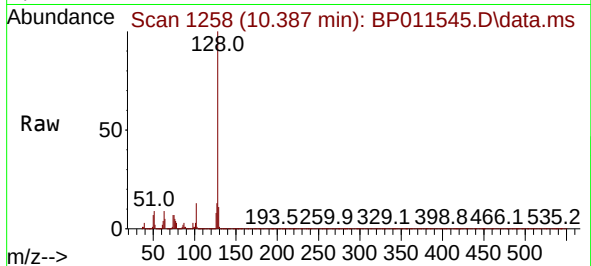




#30
Naphthalene
Concen: 19.783 ng/ul
RT: 10.387 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

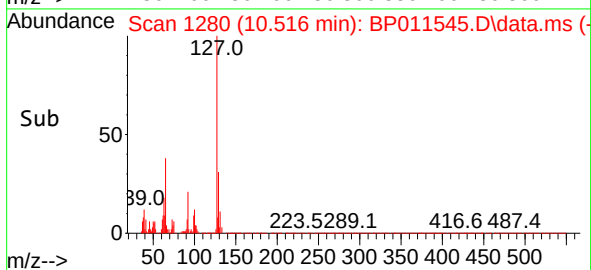
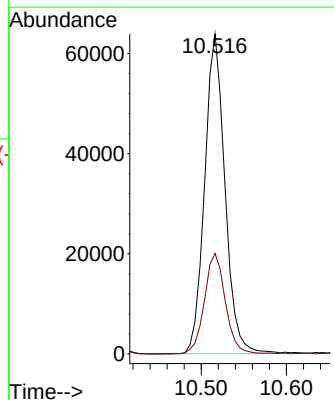
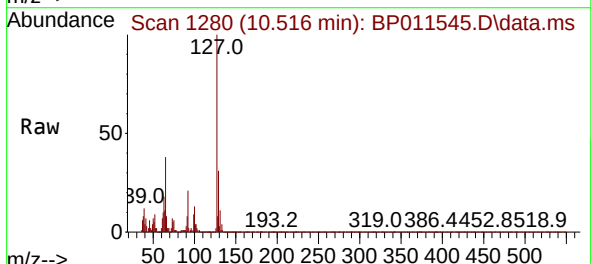
Instrument :
BNA_P
ClientSampleId :

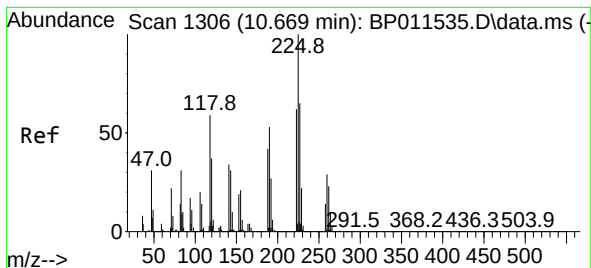
Tgt Ion:128 Resp: 246636
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 19.186 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:127 Resp: 105668
Ion Ratio Lower Upper
127 100
129 31.4 25.1 37.7





#33

Hexachlorobutadiene

Concen: 21.839 ng/ul

RT: 10.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP011545.D

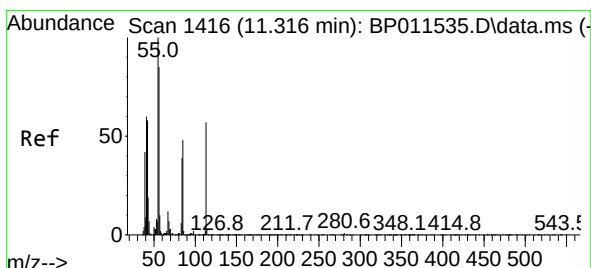
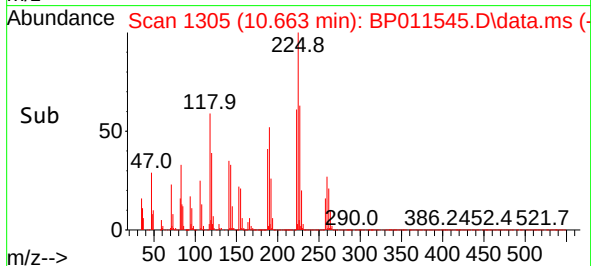
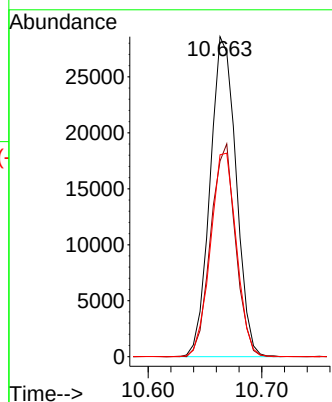
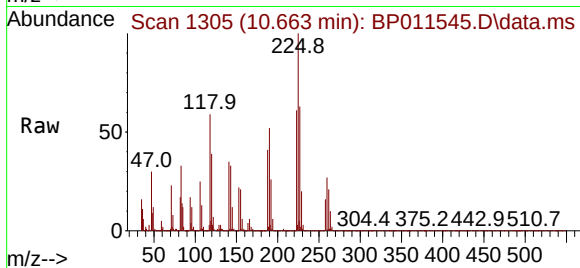
Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	225	Resp:	45436
Ion Ratio	Lower	Upper	
225	100		
223	61.2	47.8	71.8
227	63.1	50.0	75.0



#34

Caprolactam

Concen: 17.616 ng/ul

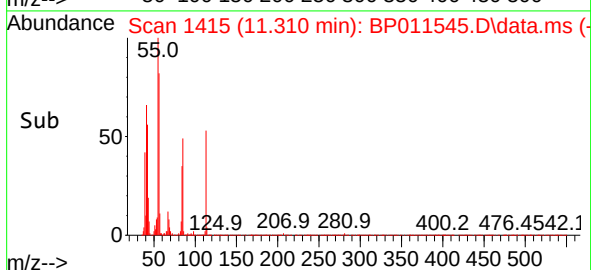
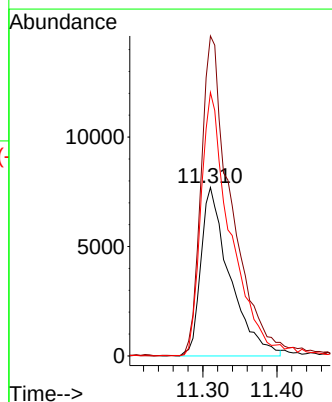
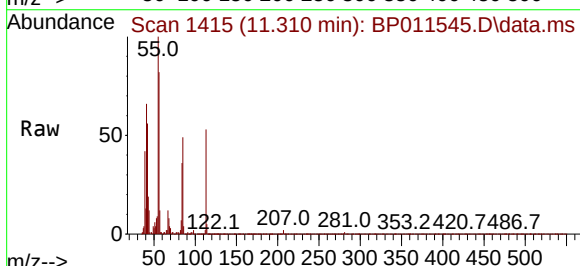
RT: 11.310 min Scan# 1415

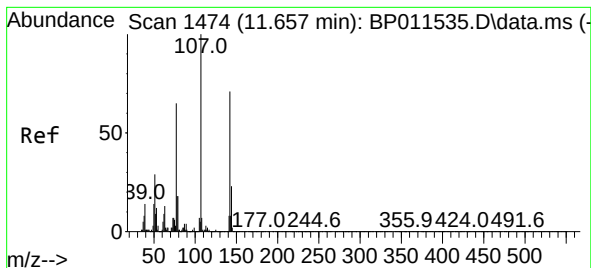
Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Tgt Ion:	113	Resp:	20875
Ion Ratio	Lower	Upper	
113	100		
55	189.9	153.4	230.2
56	156.3	119.6	179.4

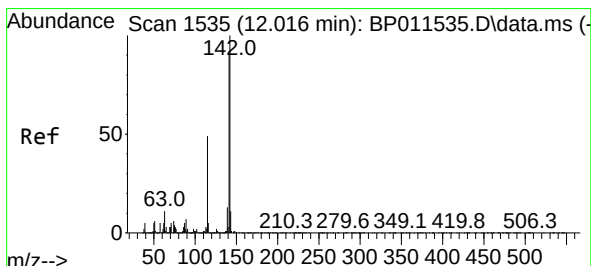
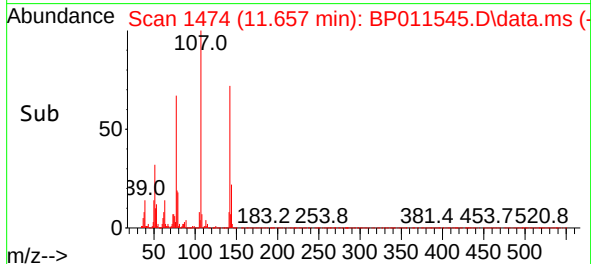
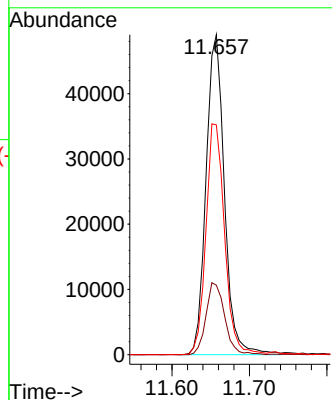
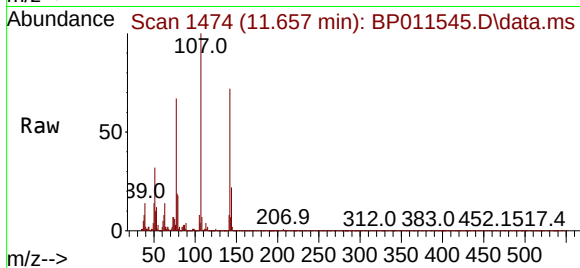




#35
4-Chloro-3-methylphenol
Concen: 19.504 ng/ul
RT: 11.657 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

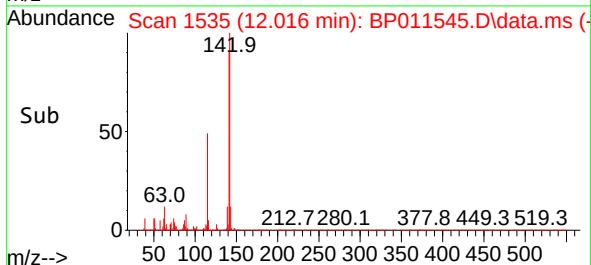
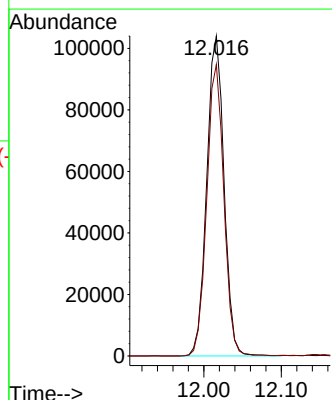
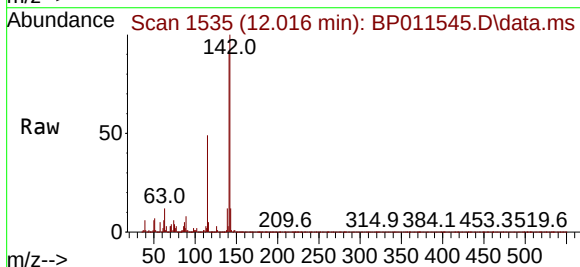
Instrument :
BNA_P
ClientSampleId :

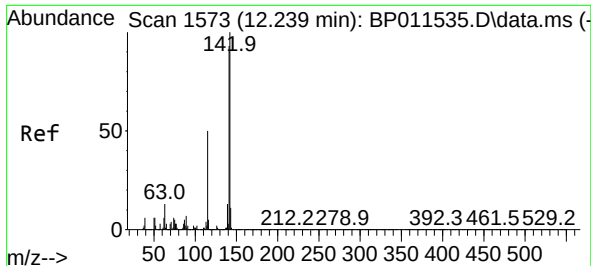
Tgt Ion:107 Resp: 80589
Ion Ratio Lower Upper
107 100
144 21.7 18.3 27.5
142 71.8 55.8 83.8



#36
2-Methylnaphthalene
Concen: 19.873 ng/ul
RT: 12.016 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:142 Resp: 161191
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.0

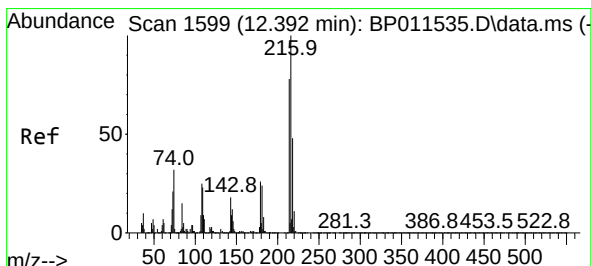
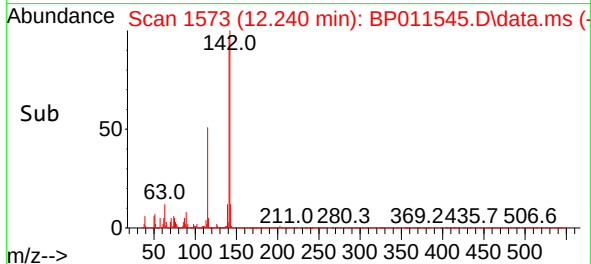
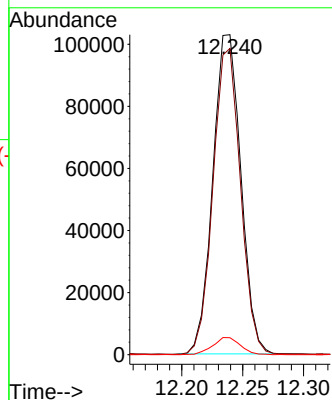
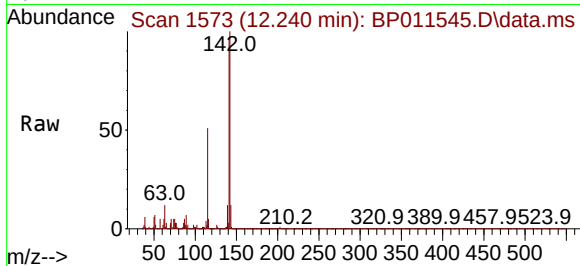




#37
1-Methylnaphthalene
Concen: 20.072 ng/ul
RT: 12.240 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

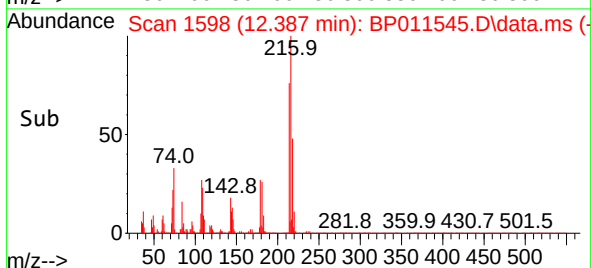
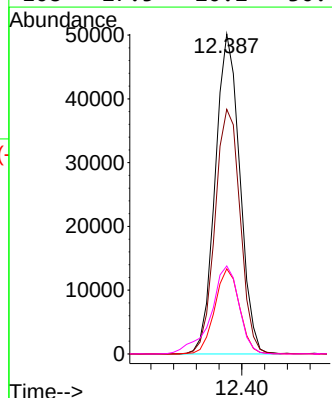
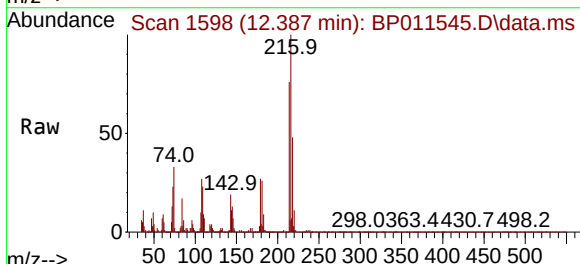
Instrument :
BNA_P
ClientSampleId :

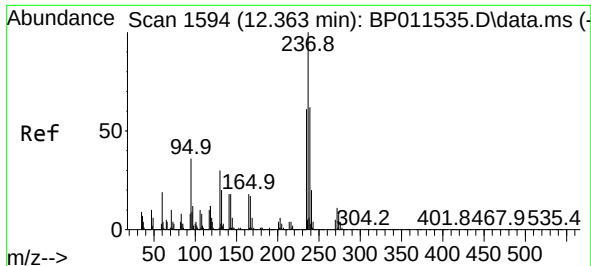
Tgt Ion:142 Resp: 165120
Ion Ratio Lower Upper
142 100
141 95.7 73.0 109.6
116 5.3 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.177 ng/ul
RT: 12.387 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:216 Resp: 75394
Ion Ratio Lower Upper
216 100
214 76.4 60.4 90.6
179 26.6 20.0 30.0
108 27.5 20.2 30.4

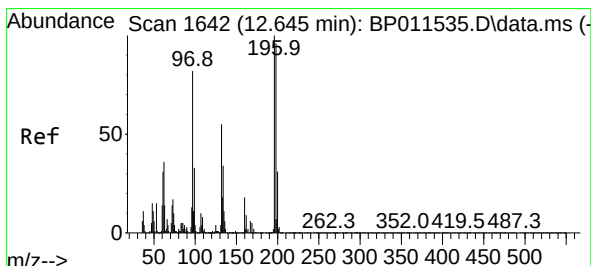
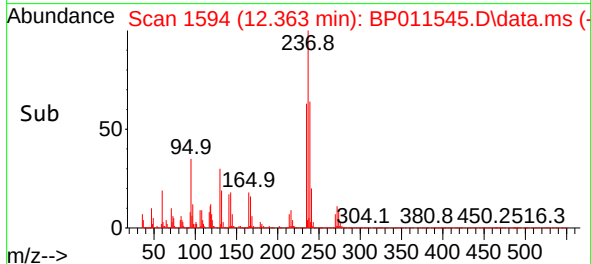
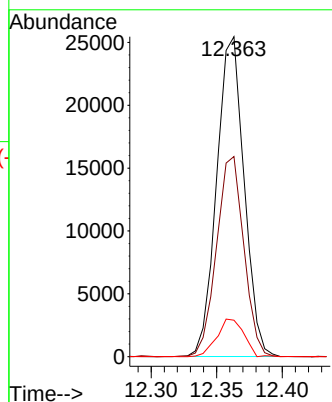
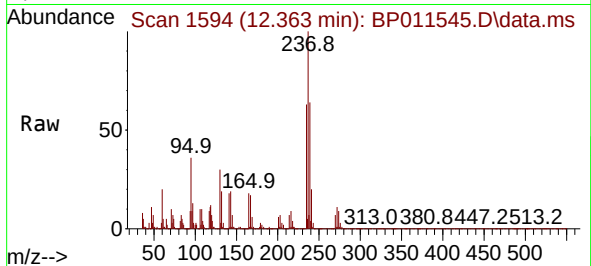




#40
Hexachlorocyclopentadiene
Concen: 15.989 ng/ul
RT: 12.363 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

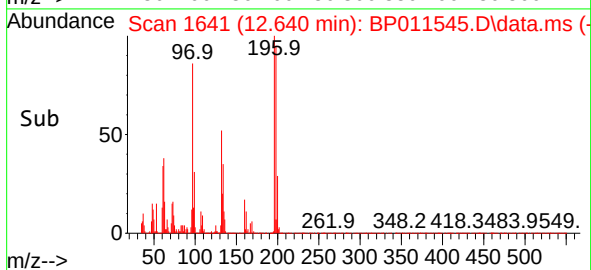
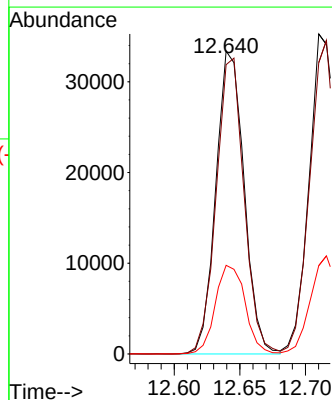
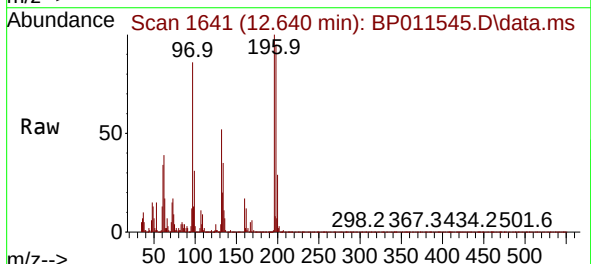
Instrument :
BNA_P
ClientSampleId :

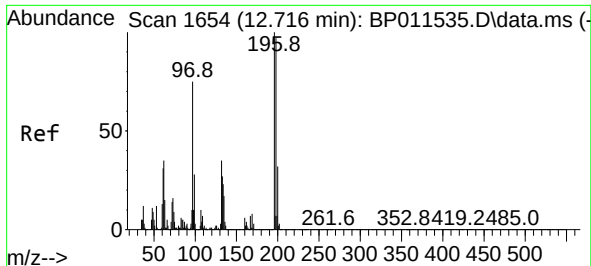
Tgt Ion:237 Resp: 37065
Ion Ratio Lower Upper
237 100
235 62.6 50.9 76.3
272 12.1 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 20.756 ng/ul
RT: 12.640 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:196 Resp: 49917
Ion Ratio Lower Upper
196 100
198 95.5 75.6 113.4
200 29.3 23.1 34.7

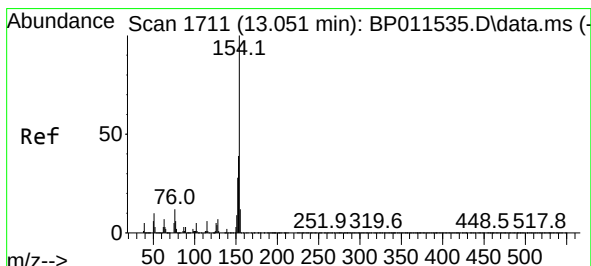
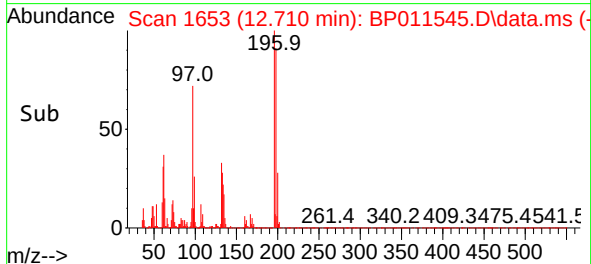
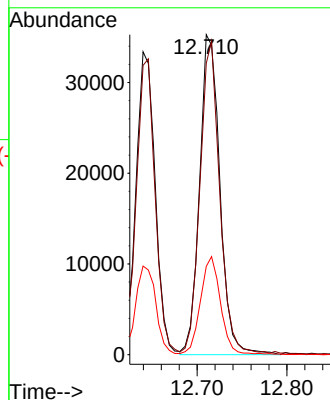
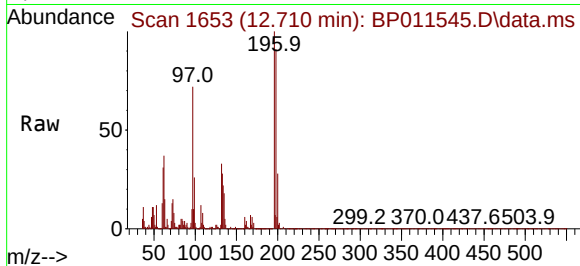




#42
2,4,5-Trichlorophenol
Concen: 20.788 ng/ul
RT: 12.710 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

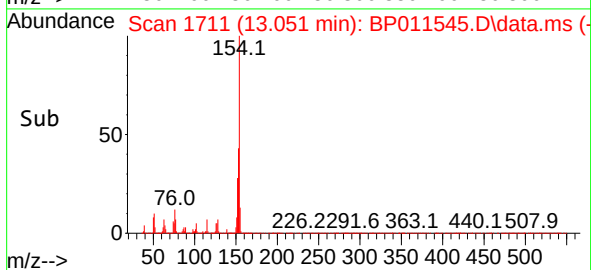
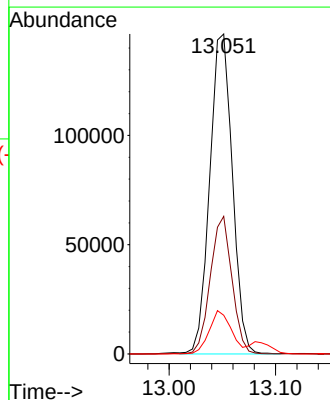
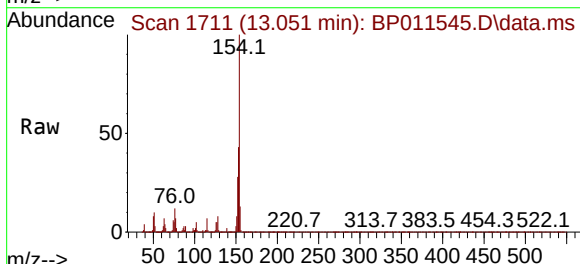
Instrument :
BNA_P
ClientSampleId :

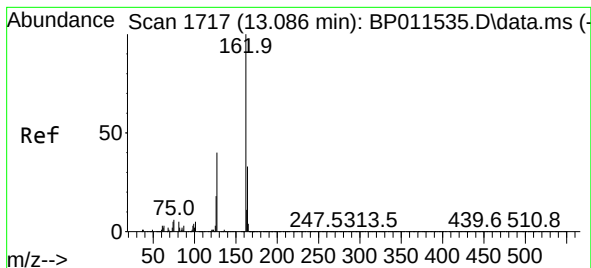
Tgt Ion:196 Resp: 55652
Ion Ratio Lower Upper
196 100
198 91.0 75.6 113.4
200 27.6 23.8 35.6



#43
1,1'-Biphenyl
Concen: 19.716 ng/ul
RT: 13.051 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:154 Resp: 216276
Ion Ratio Lower Upper
154 100
153 43.0 32.2 48.4
76 12.1 11.6 17.4

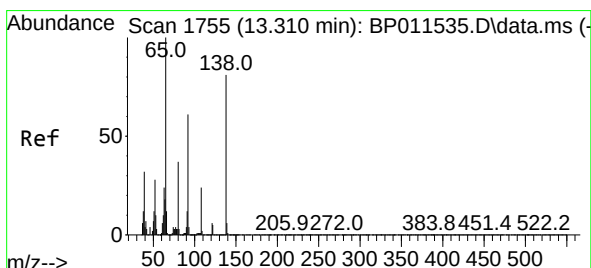
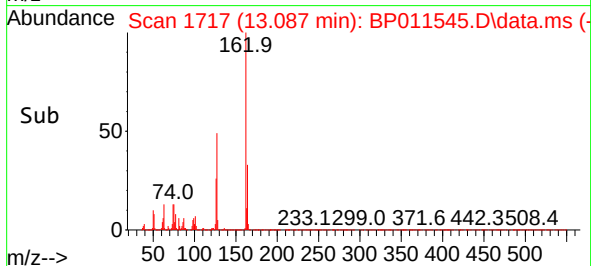
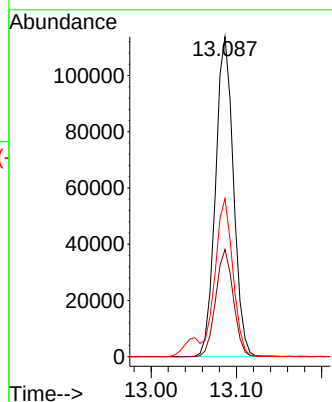
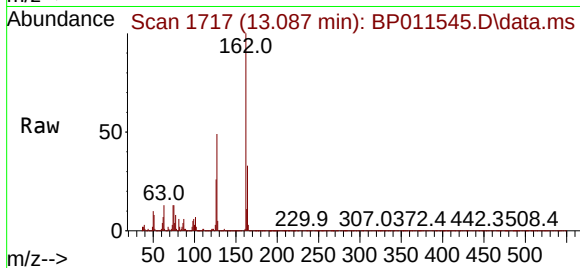




#44
2-Chloronaphthalene
Concen: 20.101 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

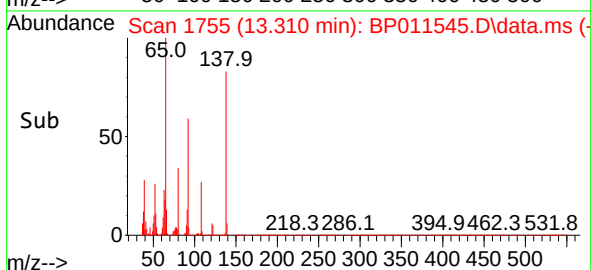
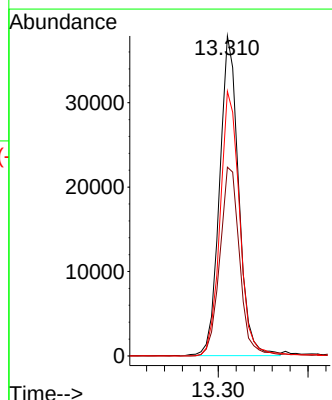
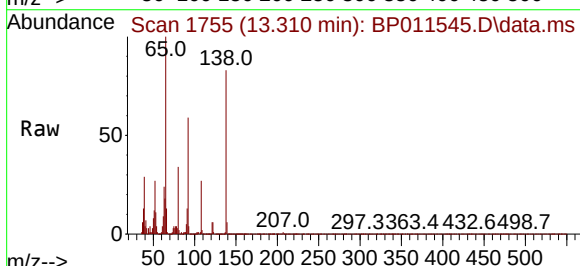
Instrument :
BNA_P
ClientSampleId :

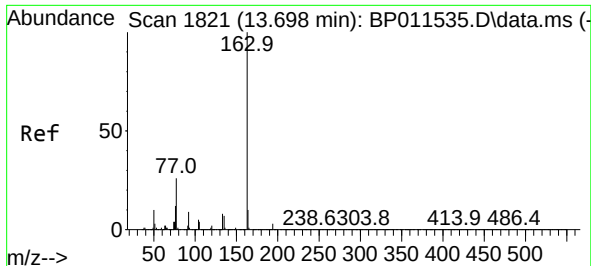
Tgt Ion:162 Resp: 166158
Ion Ratio Lower Upper
162 100
164 33.5 26.4 39.6
127 49.4 37.4 56.2



#45
2-Nitroaniline
Concen: 19.848 ng/ul
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 65 Resp: 55997
Ion Ratio Lower Upper
65 100
92 59.0 50.8 76.2
138 82.7 66.7 100.1

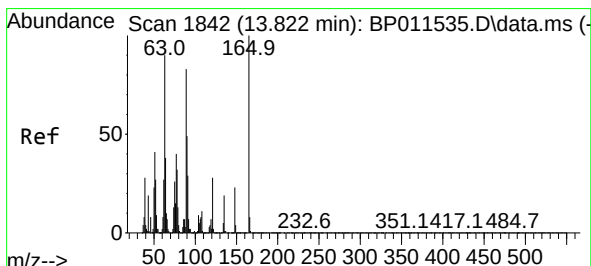
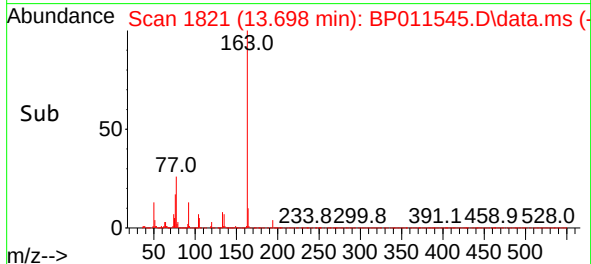
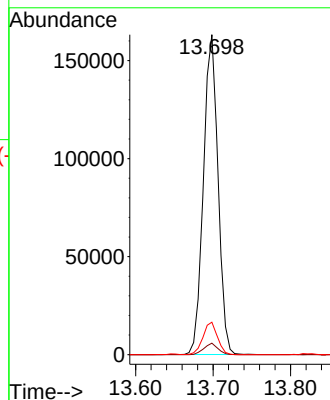
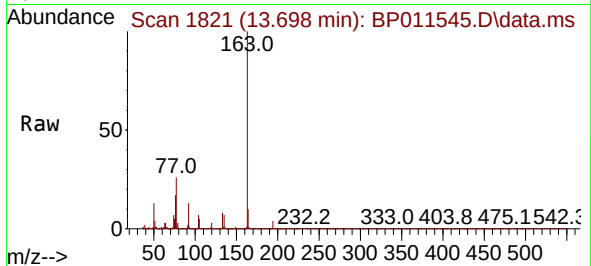




#47
Dimethylphthalate
Concen: 19.843 ng/ul
RT: 13.698 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

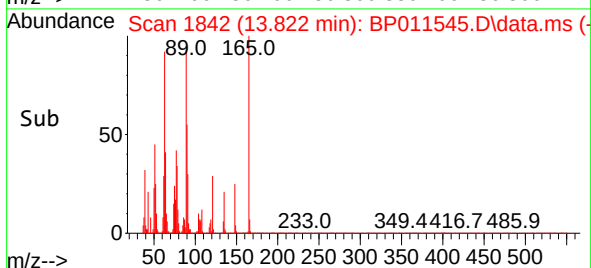
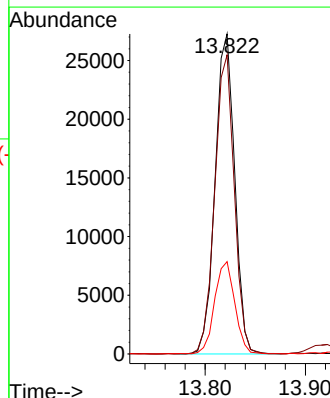
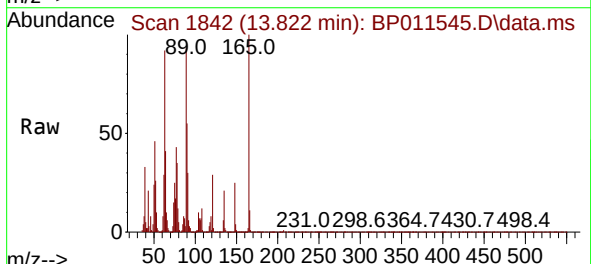
Instrument :
BNA_P
ClientSampleId :

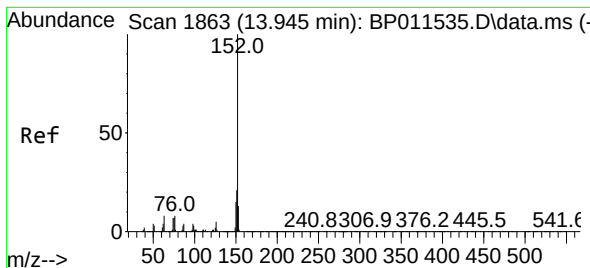
Tgt Ion:163 Resp: 213544
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.1 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 19.067 ng/ul
RT: 13.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:165 Resp: 36892
Ion Ratio Lower Upper
165 100
89 93.4 66.6 99.8
121 28.8 21.0 31.6





#50

Acenaphthylene

Concen: 20.243 ng/ul

RT: 13.945 min Scan# 1863

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

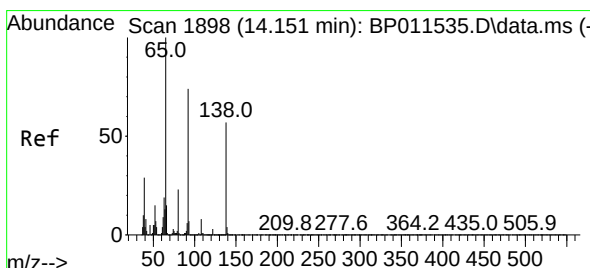
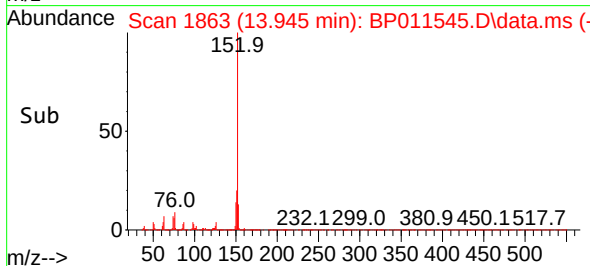
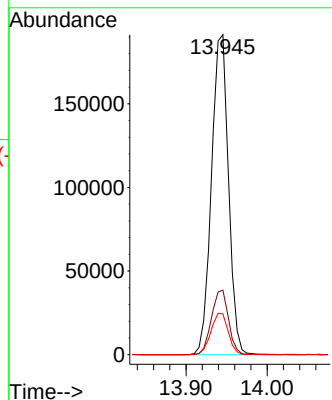
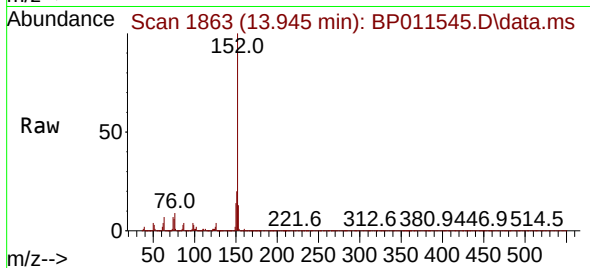
Tgt Ion:152 Resp: 278314

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

153 12.7 10.6 15.8



#51

3-Nitroaniline

Concen: 17.190 ng/ul

RT: 14.151 min Scan# 1898

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

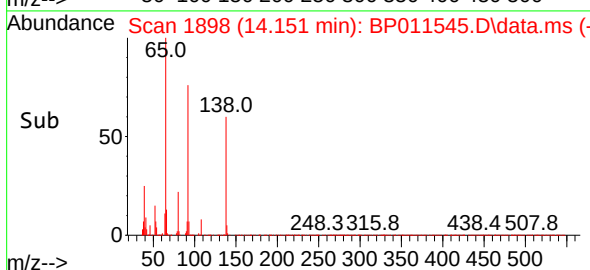
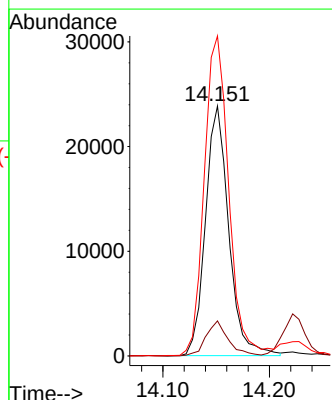
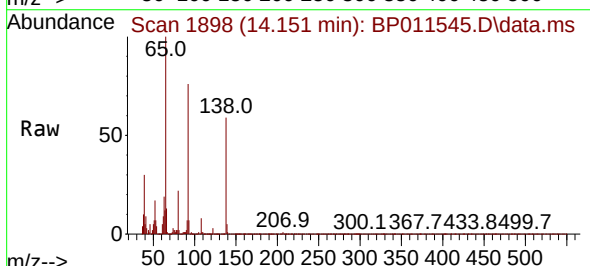
Tgt Ion:138 Resp: 36228

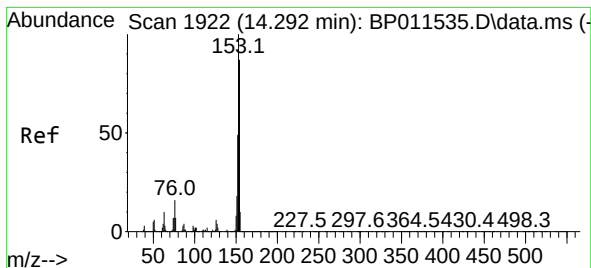
Ion Ratio Lower Upper

138 100

108 14.1 8.6 13.0#

92 128.0 104.2 156.2





#52

Acenaphthene

Concen: 20.459 ng/ul

RT: 14.287 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

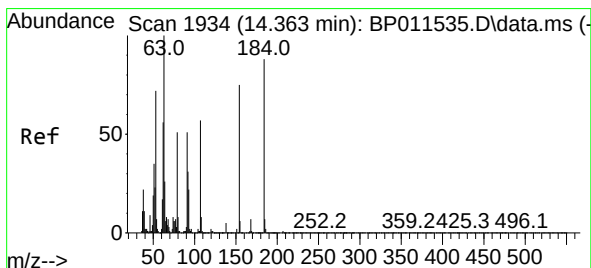
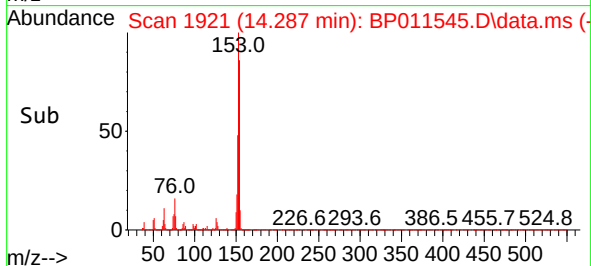
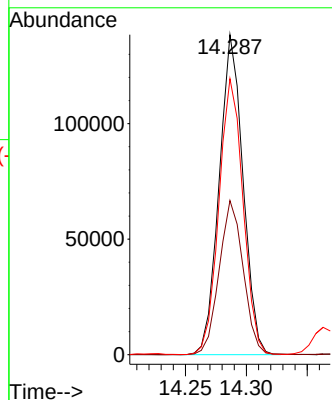
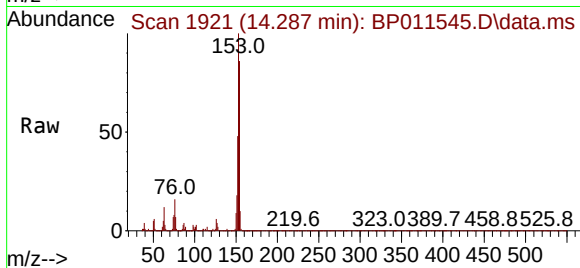
Tgt Ion:153 Resp: 188404

Ion Ratio Lower Upper

153 100

152 48.2 37.7 56.5

154 86.2 69.4 104.0



#53

2,4-Dinitrophenol

Concen: 16.202 ng/ul

RT: 14.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

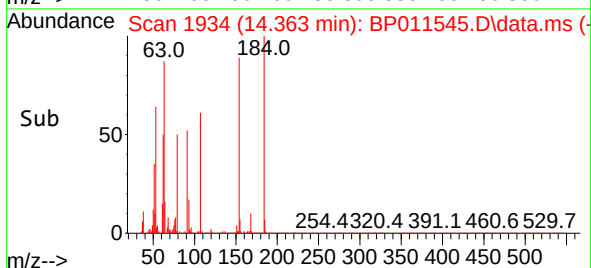
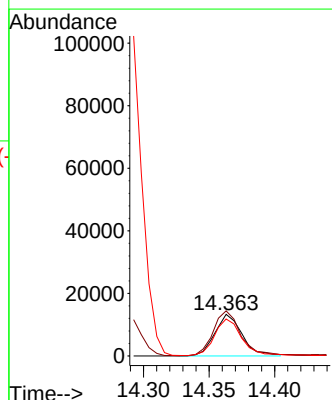
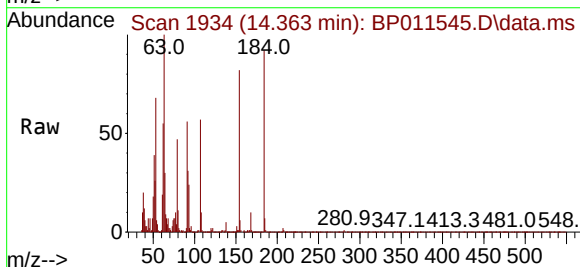
Tgt Ion:184 Resp: 19187

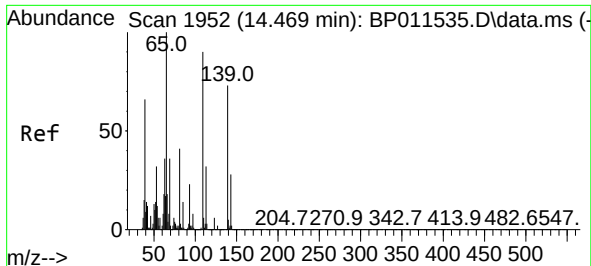
Ion Ratio Lower Upper

184 100

63 108.5 82.5 123.7

154 89.0 66.6 100.0

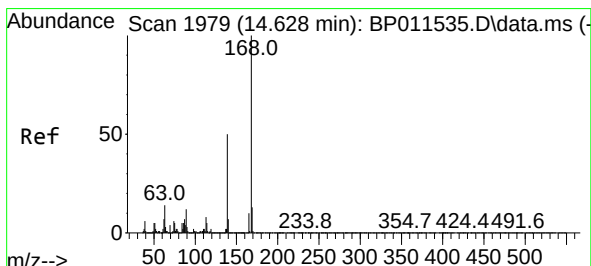
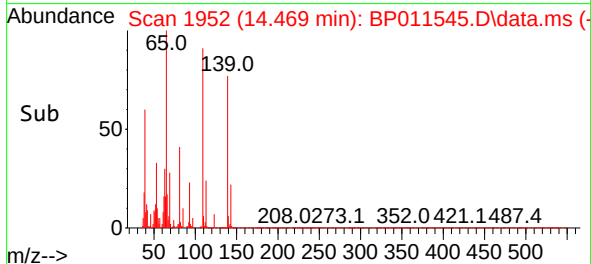
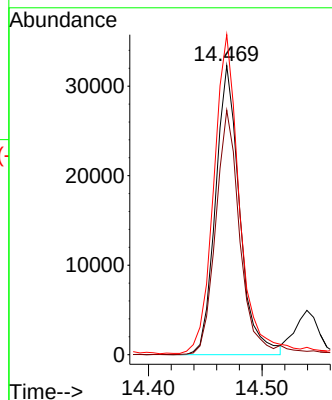
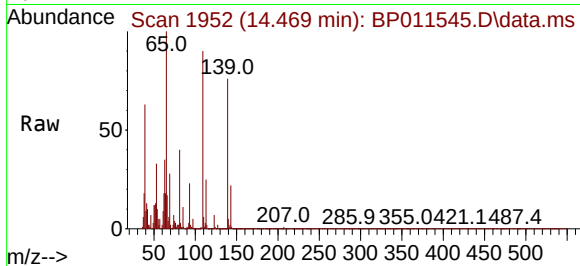




#55
4-Nitrophenol
Concen: 19.946 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

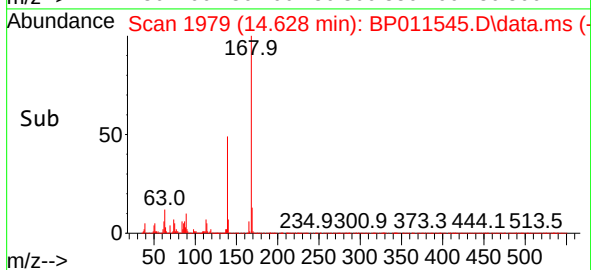
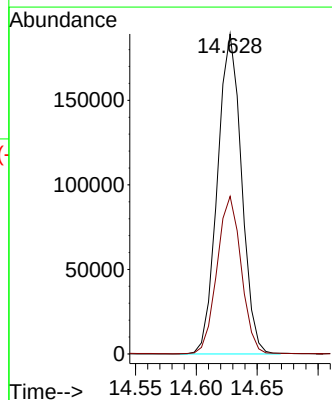
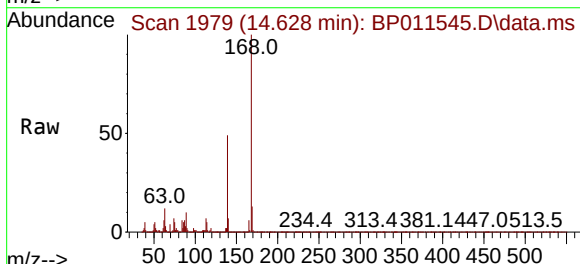
Instrument :
BNA_P
ClientSampleId :

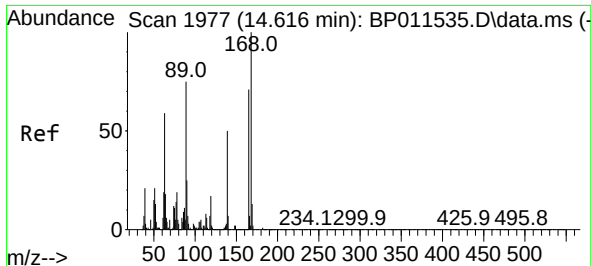
Tgt Ion:109 Resp: 47678
Ion Ratio Lower Upper
109 100
139 84.6 76.0 114.0
65 110.7 98.8 148.2



#56
Dibenzofuran
Concen: 20.500 ng/ul
RT: 14.628 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:168 Resp: 260324
Ion Ratio Lower Upper
168 100
139 49.3 38.4 57.6

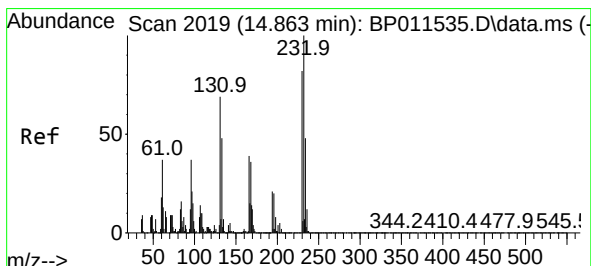
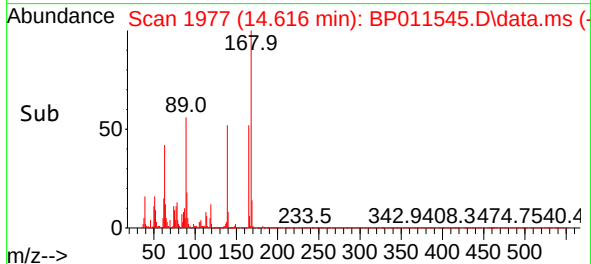
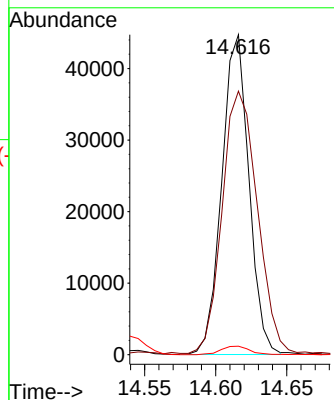
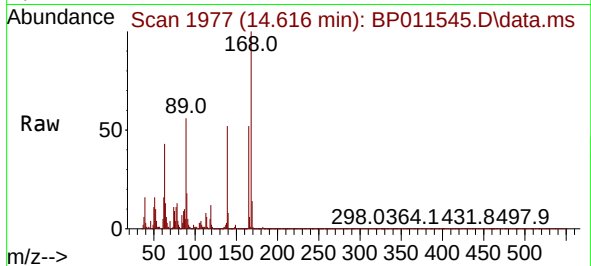




#57
2,4-Dinitrotoluene
Concen: 20.493 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

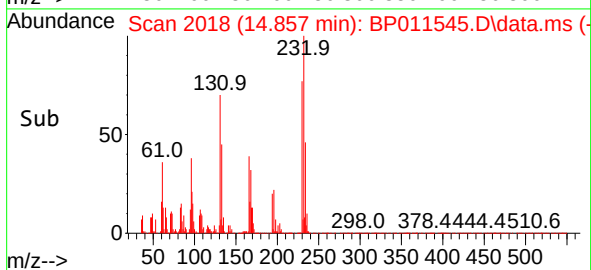
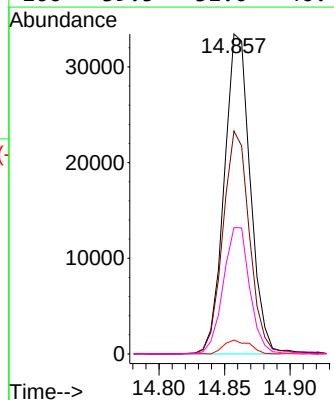
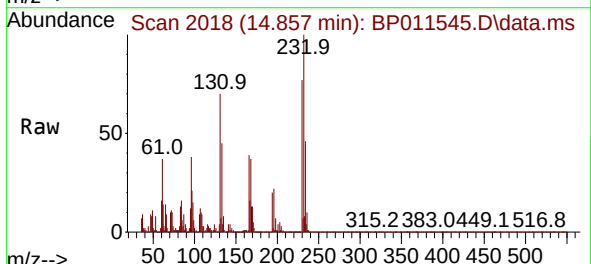
Instrument :
BNA_P
ClientSampleId :

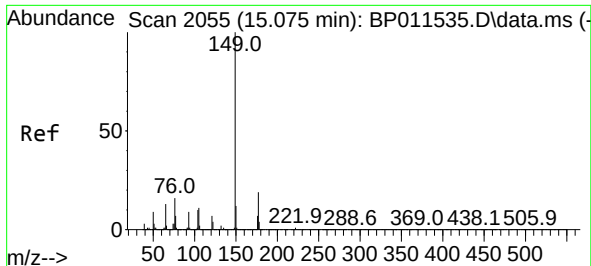
Tgt Ion:165 Resp: 59360
Ion Ratio Lower Upper
165 100
63 82.4 60.2 90.2
182 2.6 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.935 ng/ul
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:232 Resp: 46105
Ion Ratio Lower Upper
232 100
131 69.7 55.4 83.0
130 4.3 3.6 5.4
166 39.5 31.0 46.4

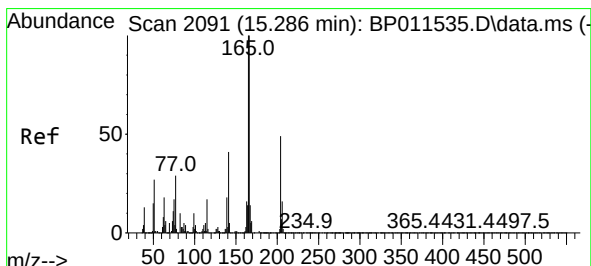
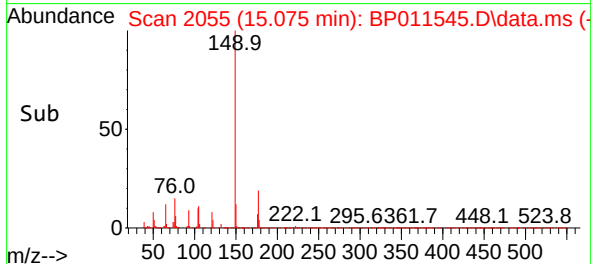
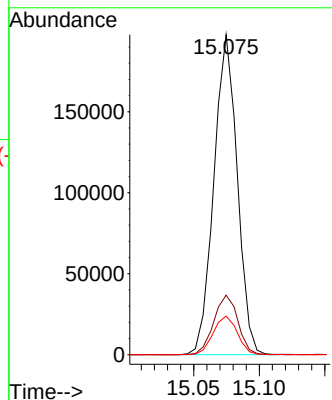
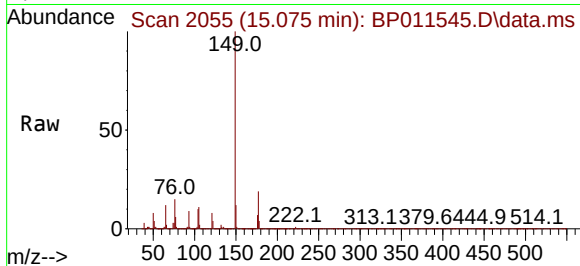




#59
Diethylphthalate
Concen: 20.744 ng/ul
RT: 15.075 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

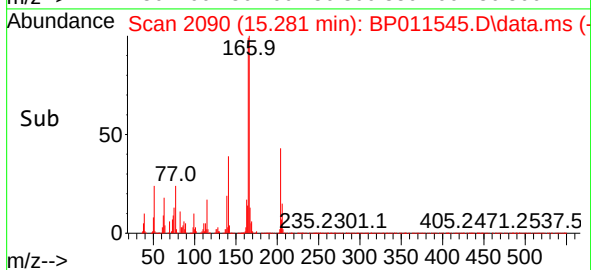
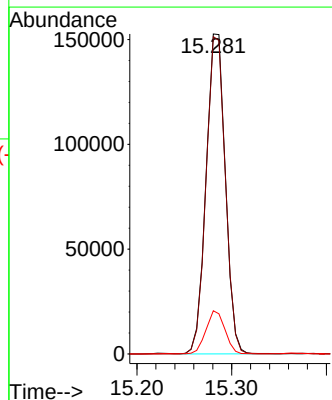
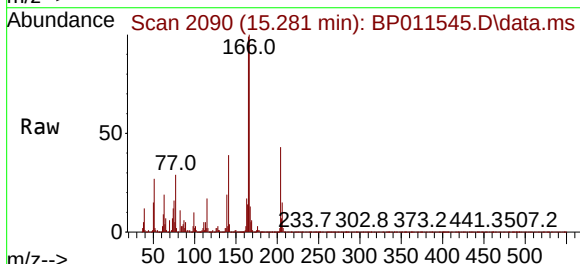
Instrument :
BNA_P
ClientSampleId :

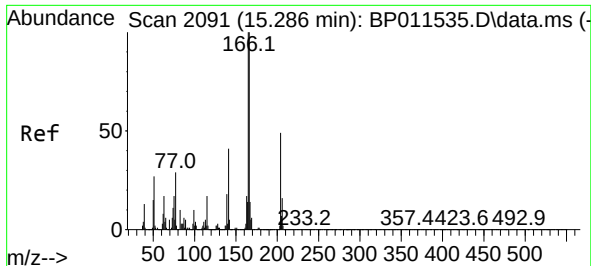
Tgt Ion:149 Resp: 244511
Ion Ratio Lower Upper
149 100
177 18.6 15.7 23.5
150 12.0 10.1 15.1



#61
Fluorene
Concen: 20.696 ng/ul
RT: 15.281 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:166 Resp: 215011
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 13.5 10.3 15.5

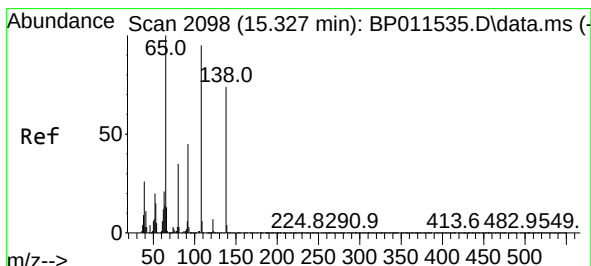
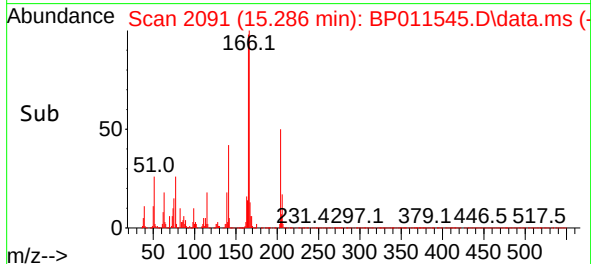
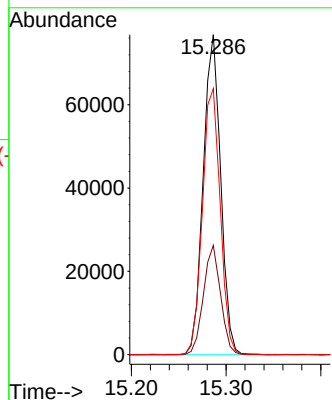
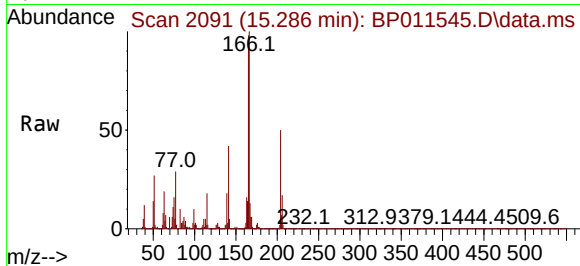




#62
4-Chlorophenyl-phenylether
Concen: 20.920 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

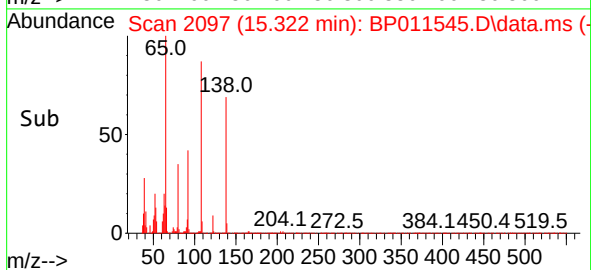
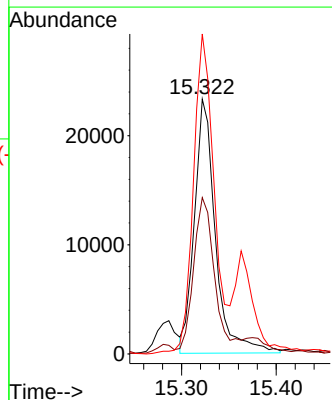
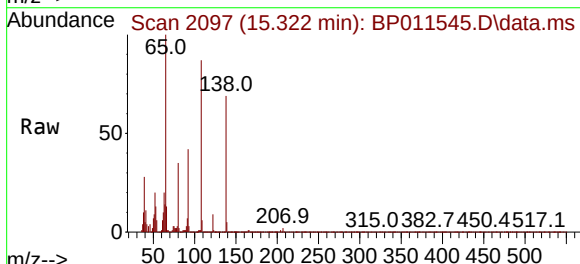
Instrument :
BNA_P
ClientSampleId :

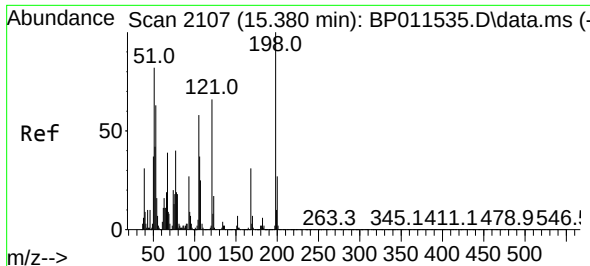
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.4	38.0
141	83.1	66.5	99.7



#63
4-Nitroaniline
Concen: 17.664 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.3	49.5	74.3
108	125.5	93.7	140.5

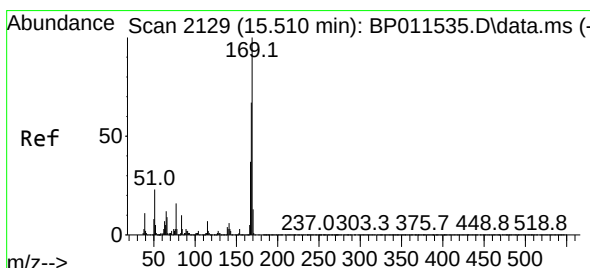
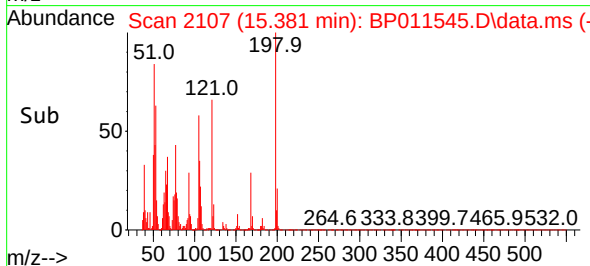
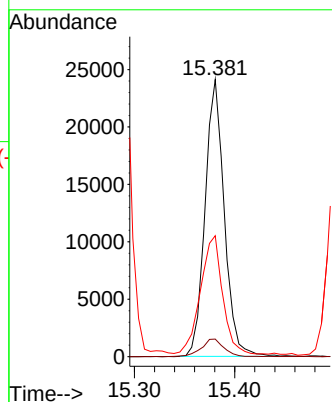
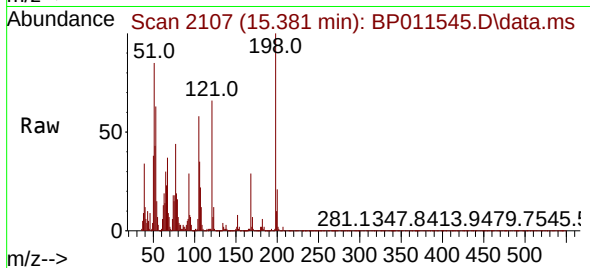




#66
4,6-Dinitro-2-methylphenol
Concen: 18.849 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

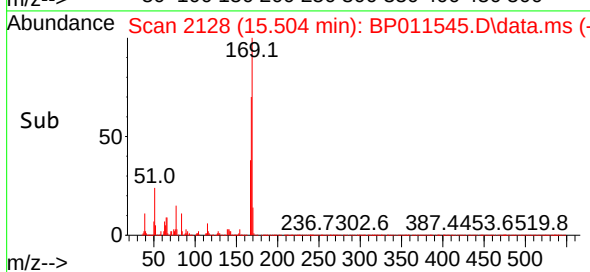
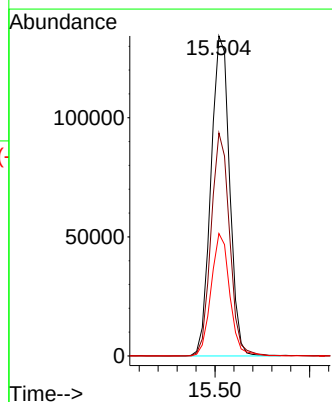
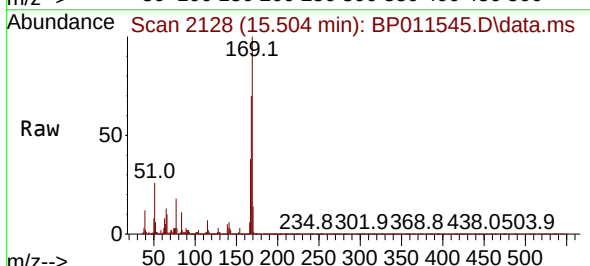
Instrument :
BNA_P
ClientSampleId :

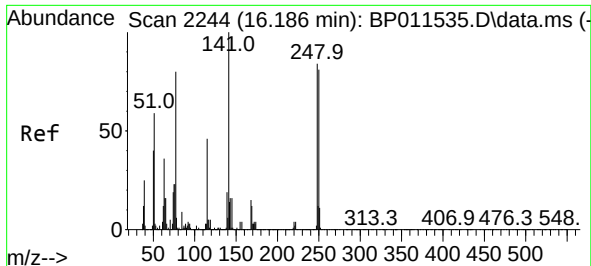
Tgt Ion:198 Resp: 32177
Ion Ratio Lower Upper
198 100
182 6.4 3.9 5.9#
77 43.6 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 20.482 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:169 Resp: 183518
Ion Ratio Lower Upper
169 100
168 69.7 54.6 82.0
167 38.3 30.2 45.4

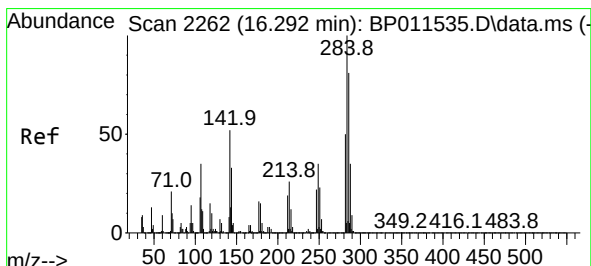
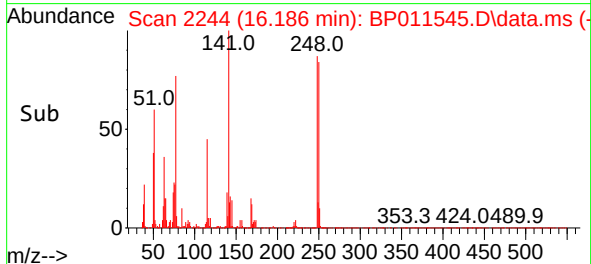
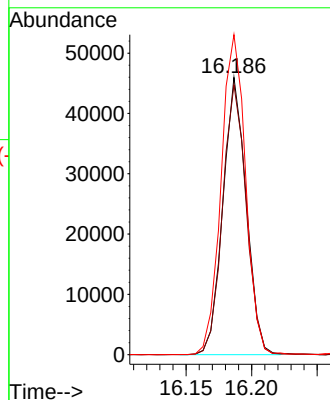
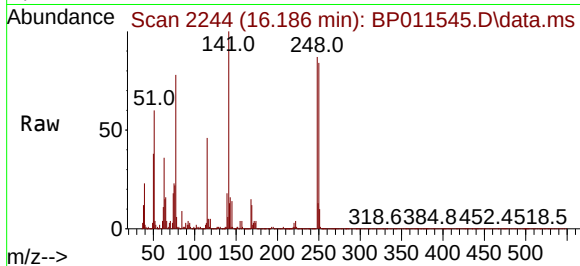




#68
4-Bromophenyl-phenylether
Concen: 20.836 ng/ul
RT: 16.186 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

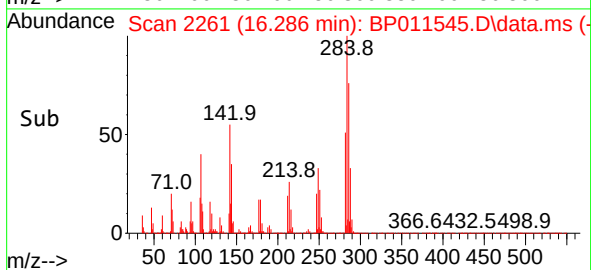
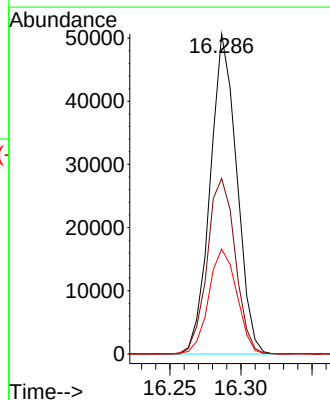
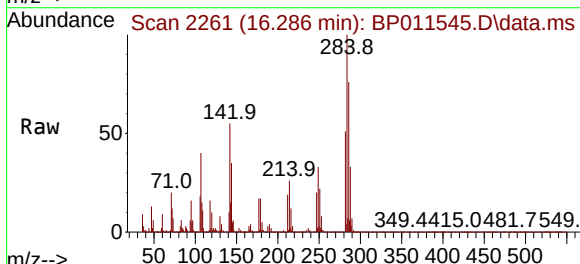
Instrument :
BNA_P
ClientSampleId :

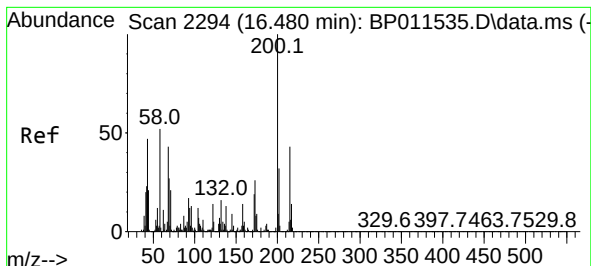
Tgt Ion:248 Resp: 56805
Ion Ratio Lower Upper
248 100
250 97.3 82.8 124.2
141 115.4 90.8 136.2



#69
Hexachlorobenzene
Concen: 20.942 ng/ul
RT: 16.286 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:284 Resp: 65799
Ion Ratio Lower Upper
284 100
142 54.9 43.5 65.3
249 32.8 28.4 42.6





#70

Atrazine

Concen: 19.485 ng/ul

RT: 16.475 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

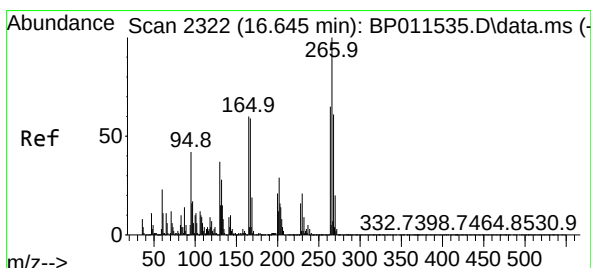
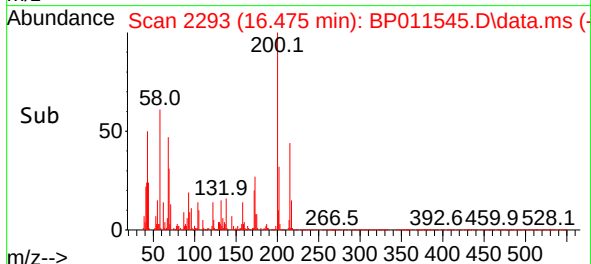
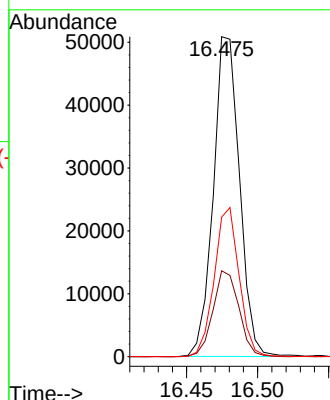
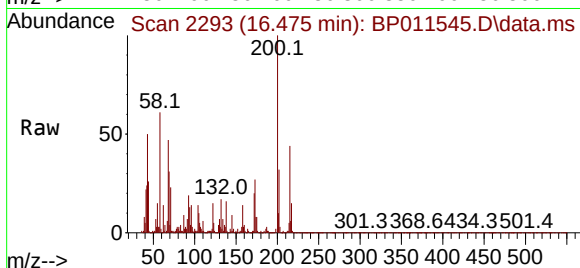
Tgt Ion:200 Resp: 65153

Ion Ratio Lower Upper

200 100

173 26.9 22.0 33.0

215 43.6 36.3 54.5



#71

Pentachlorophenol

Concen: 19.294 ng/ul

RT: 16.645 min Scan# 2322

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

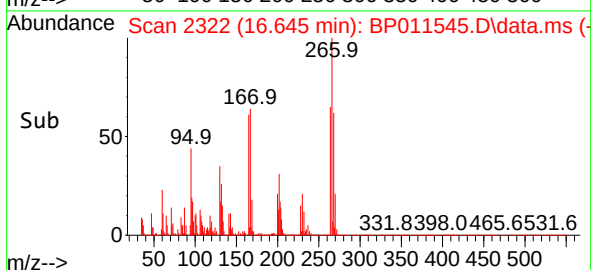
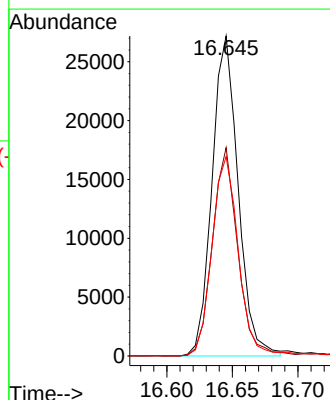
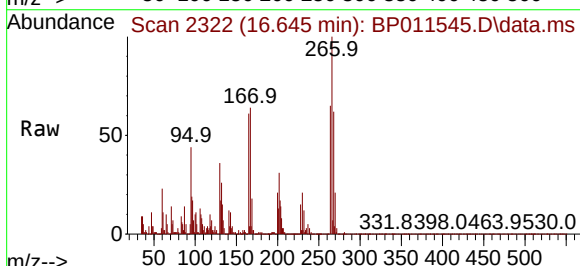
Tgt Ion:266 Resp: 37589

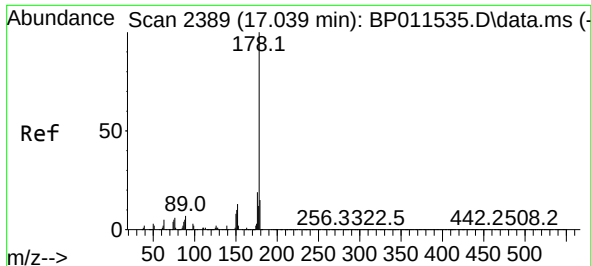
Ion Ratio Lower Upper

266 100

264 65.1 50.6 76.0

268 62.3 51.3 76.9

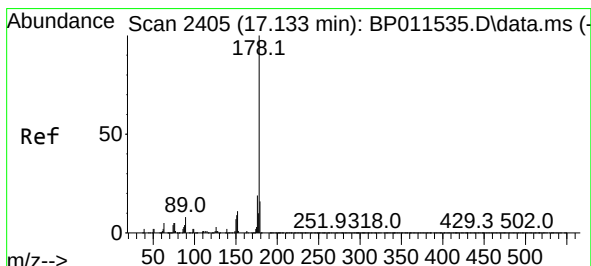
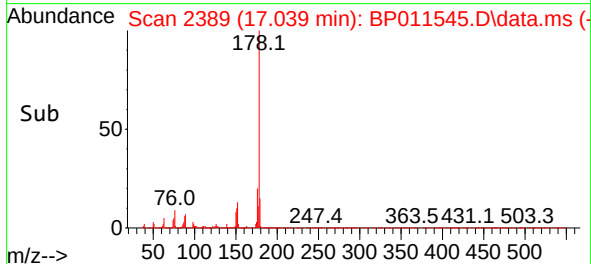
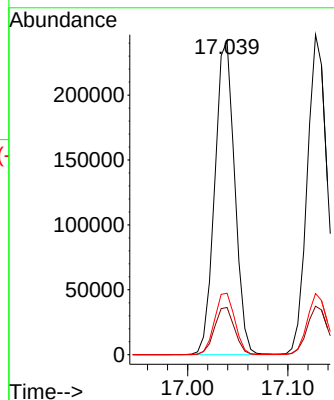
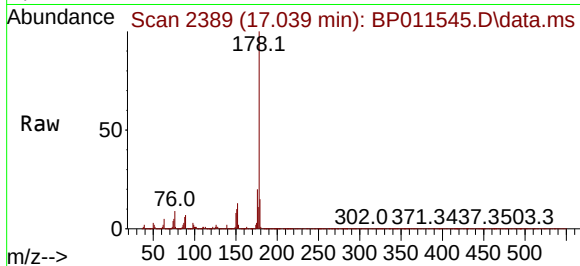




#72
Phenanthrene
Concen: 20.164 ng/ul
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

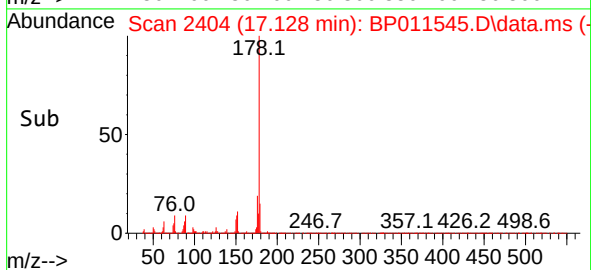
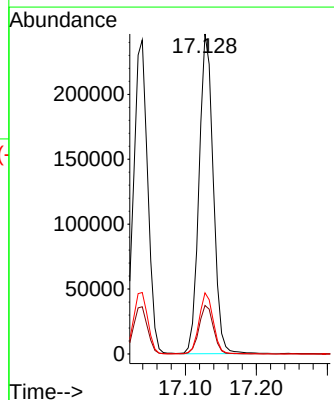
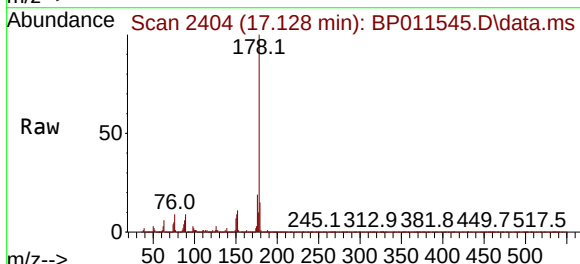
Instrument :
BNA_P
ClientSampleId :

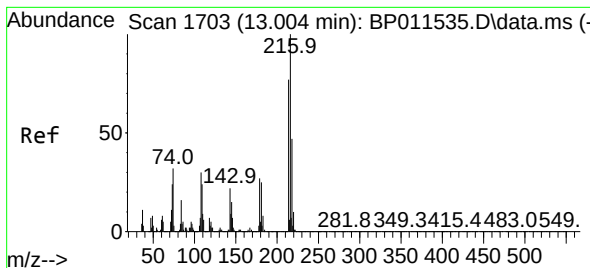
Tgt Ion:178 Resp: 333316
Ion Ratio Lower Upper
178 100
179 15.0 12.6 18.8
176 19.6 15.8 23.8



#74
Anthracene
Concen: 20.571 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:178 Resp: 343074
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.1 15.4 23.0

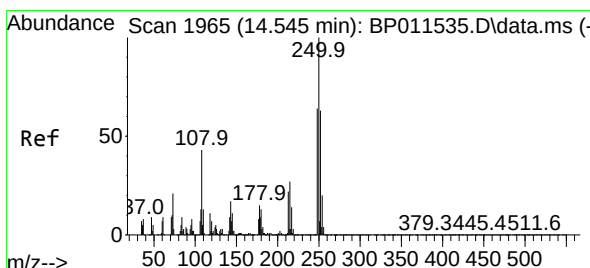
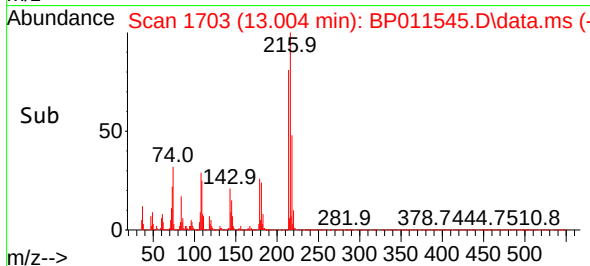
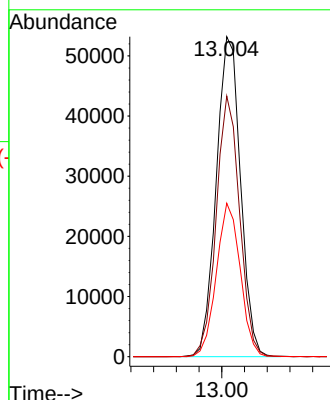
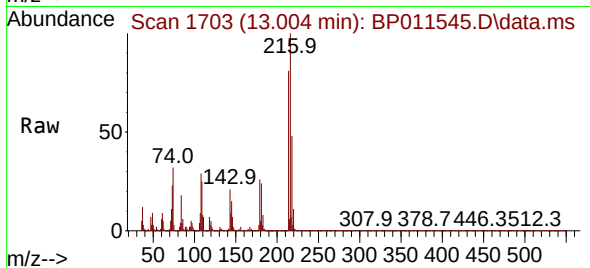




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.097 ng/uL
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

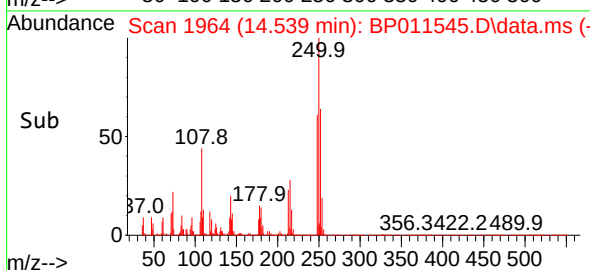
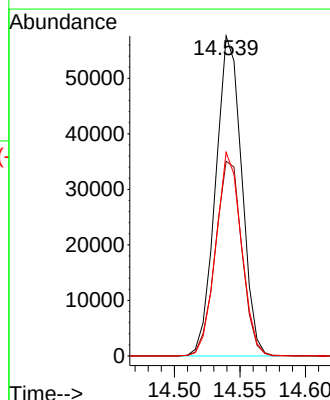
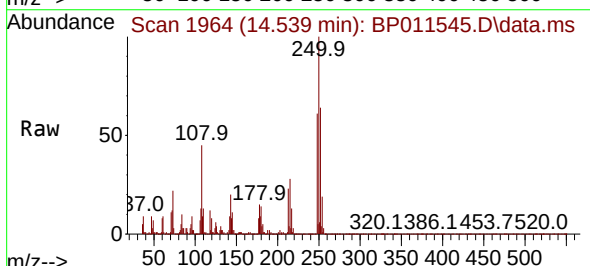
Instrument :
BNA_P
ClientSampleId :

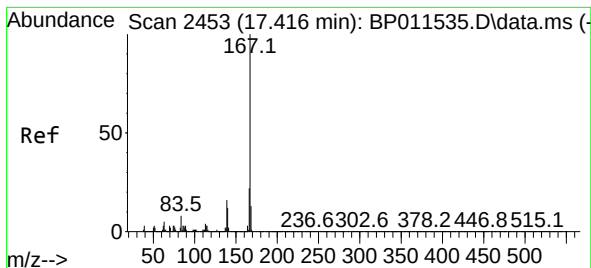
Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.5	61.8	92.6
218	48.0	37.4	56.0



#76
Pentachlorobenzene
Concen: 21.331 ng/uL
RT: 14.539 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion	Ratio	Lower	Upper
250	100		
248	60.9	51.7	77.5
252	63.7	50.0	75.0





#77

Carbazole

Concen: 19.987 ng/ul

RT: 17.410 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

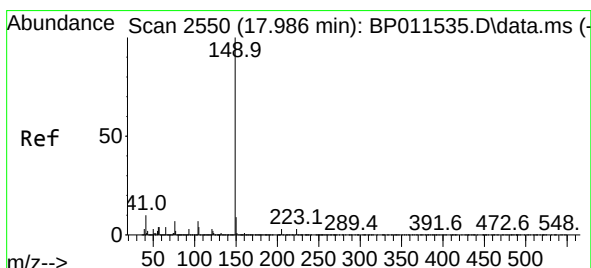
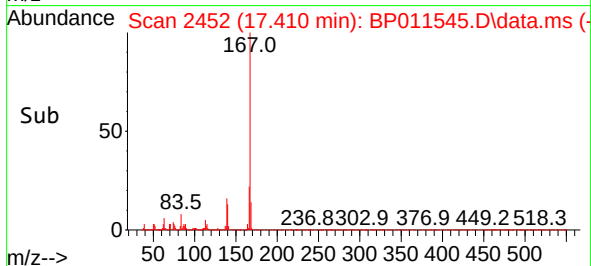
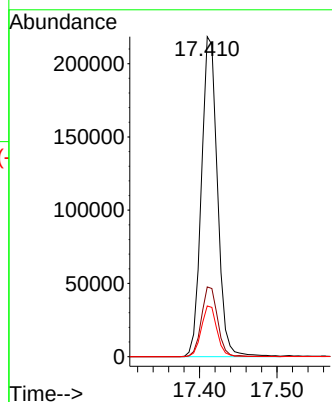
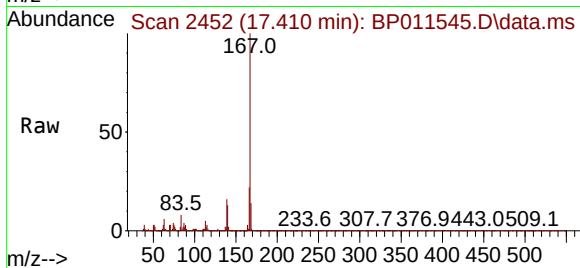
Tgt Ion:167 Resp: 313527

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 15.9 12.1 18.1



#78

Di-n-butylphthalate

Concen: 21.406 ng/ul

RT: 17.986 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

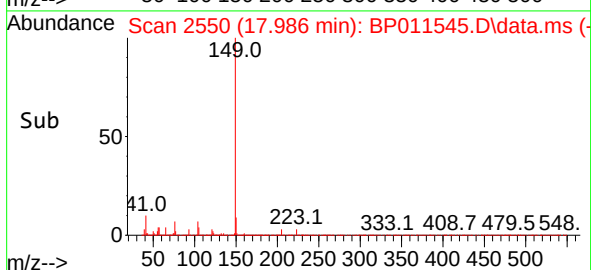
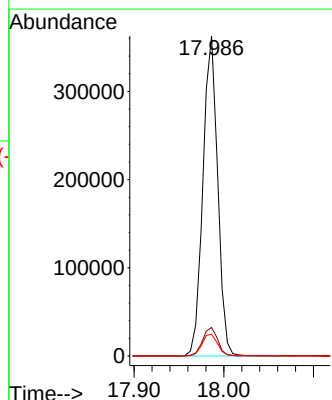
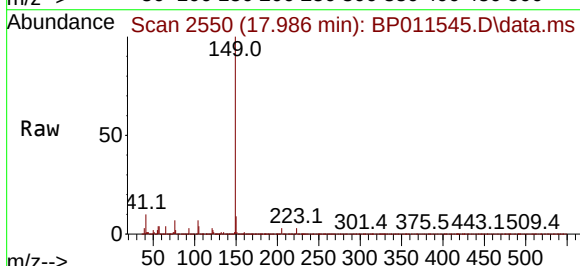
Tgt Ion:149 Resp: 413501

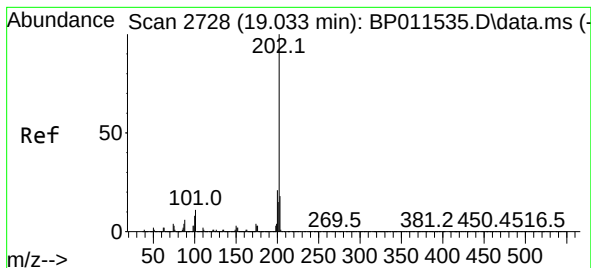
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 6.8 5.5 8.3





#80

Fluoranthene

Concen: 19.476 ng/ul

RT: 19.033 min Scan# 2728

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

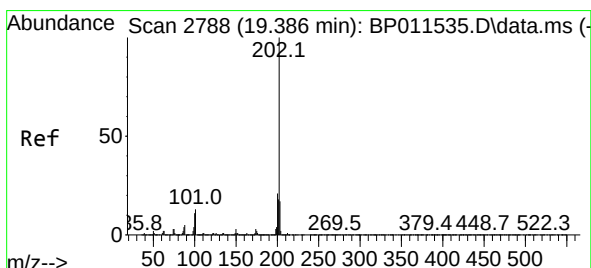
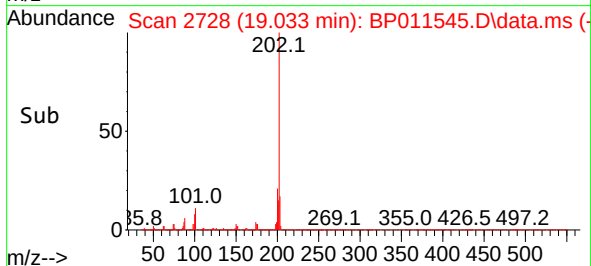
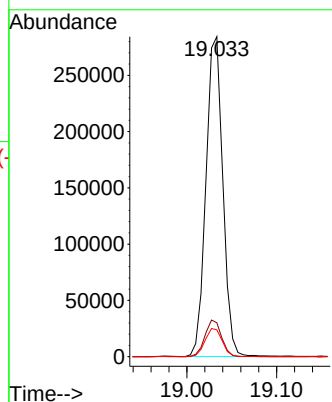
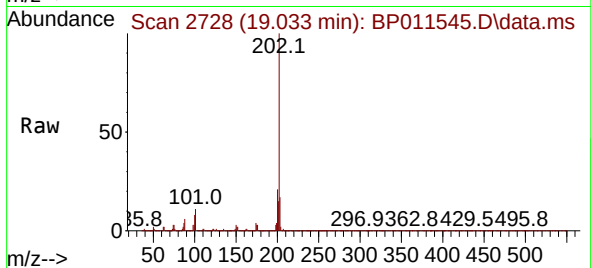
Tgt Ion:202 Resp: 371310

Ion Ratio Lower Upper

202 100

101 10.6 9.5 14.3

100 8.4 7.9 11.9



#82

Pyrene

Concen: 19.857 ng/ul

RT: 19.386 min Scan# 2788

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

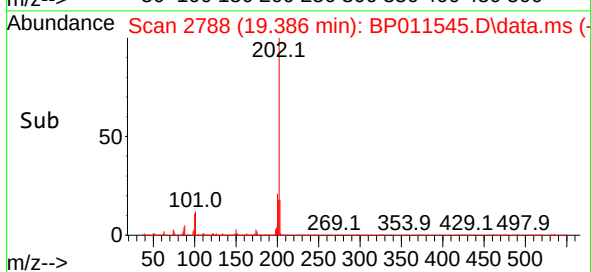
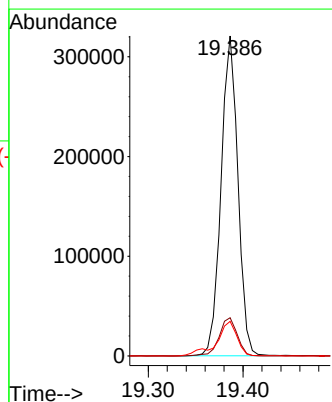
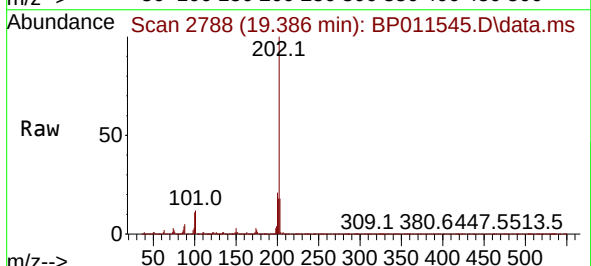
Tgt Ion:202 Resp: 397767

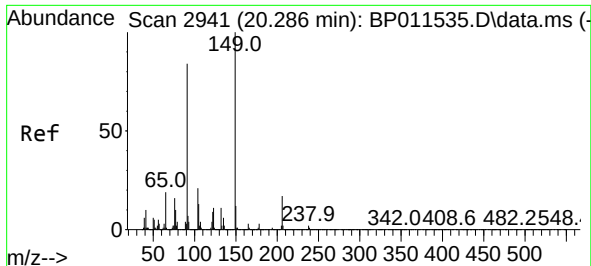
Ion Ratio Lower Upper

202 100

101 12.0 11.4 17.2

100 10.8 9.4 14.0

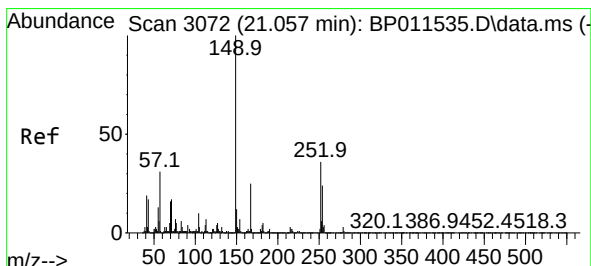
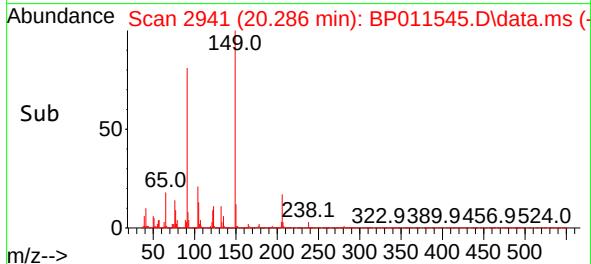
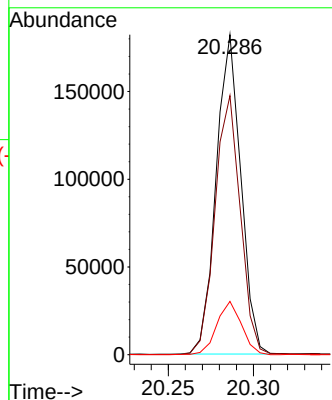
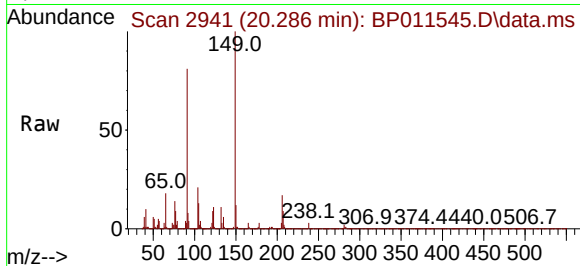




#83
Butylbenzylphthalate
Concen: 20.401 ng/ul
RT: 20.286 min Scan# 2941
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

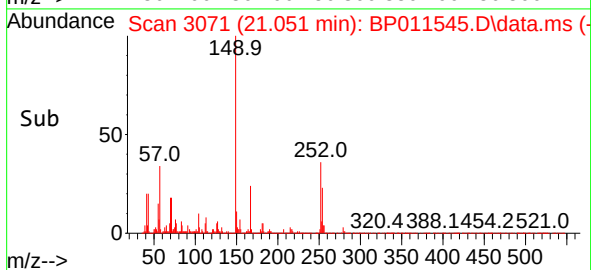
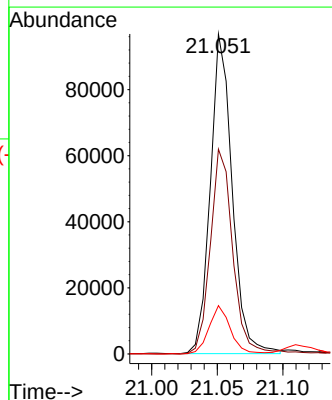
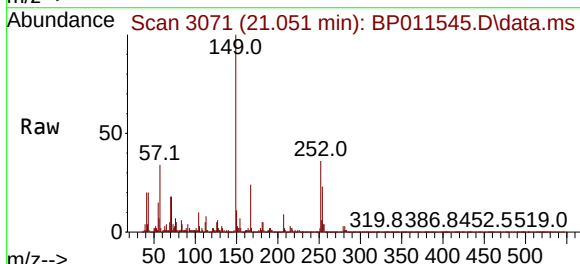
Instrument :
BNA_P
ClientSampleId :

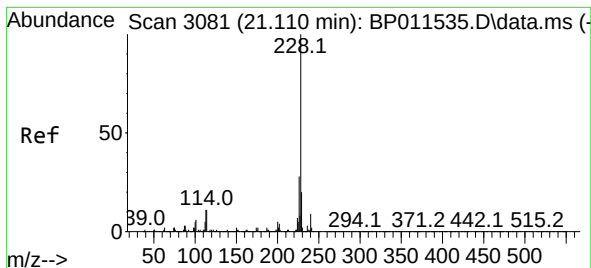
Tgt Ion:149 Resp: 183328
Ion Ratio Lower Upper
149 100
91 80.9 68.5 102.7
206 16.6 12.6 18.8



#84
3,3'-Dichlorobenzidine
Concen: 19.361 ng/ul
RT: 21.051 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:252 Resp: 112307
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 15.1 12.2 18.2





#85

Benzo(a)anthracene

Concen: 20.441 ng/ul

RT: 21.110 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

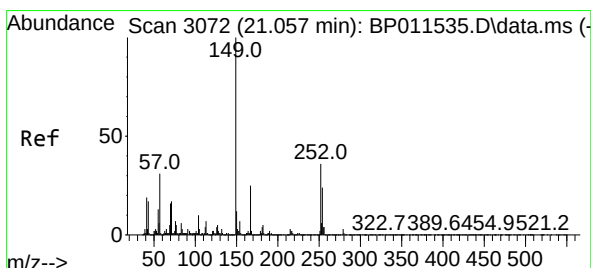
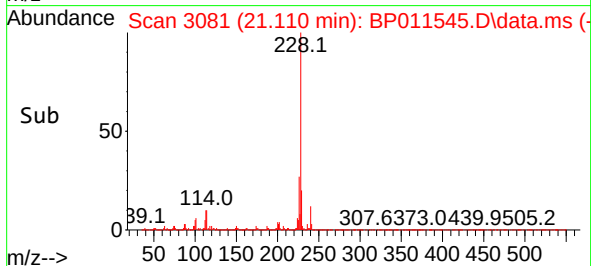
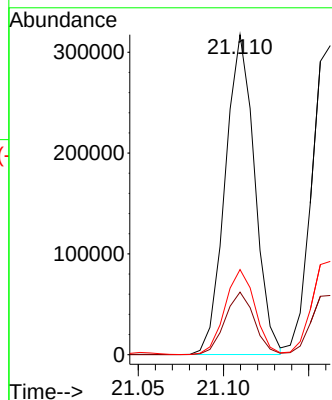
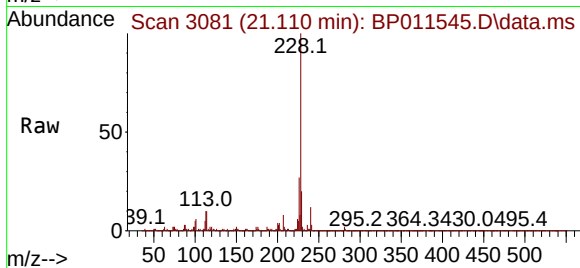
Tgt Ion:228 Resp: 381596

Ion Ratio Lower Upper

228 100

229 19.6 16.0 24.0

226 26.6 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.681 ng/ul

RT: 21.051 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

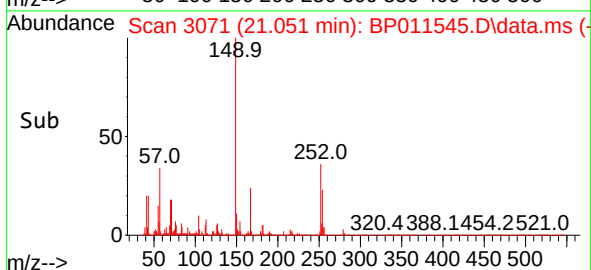
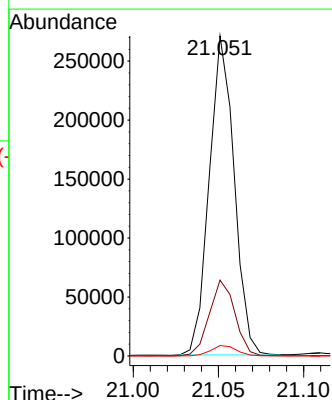
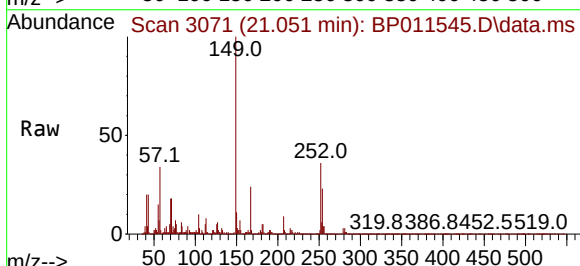
Tgt Ion:149 Resp: 275015

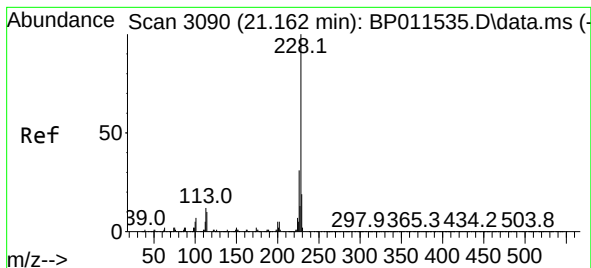
Ion Ratio Lower Upper

149 100

167 23.7 19.8 29.8

279 3.2 2.7 4.1





#87

Chrysene

Concen: 20.611 ng/ul

RT: 21.163 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

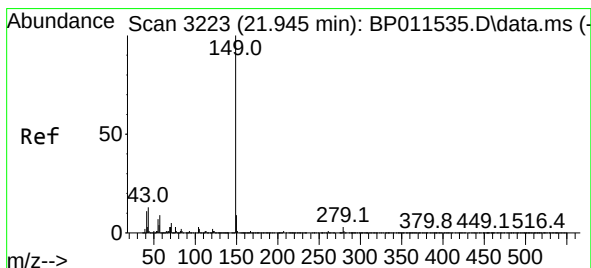
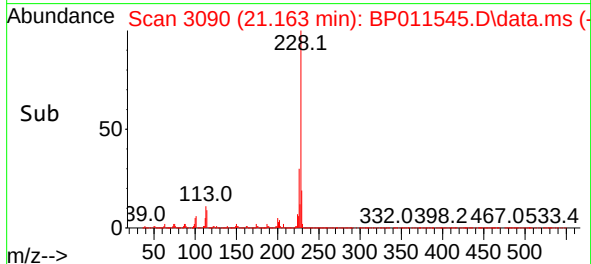
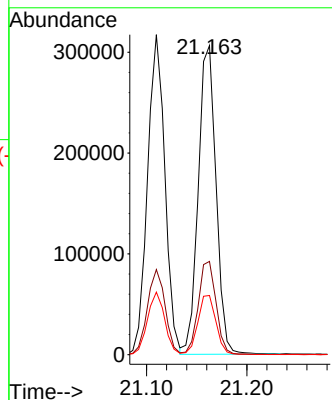
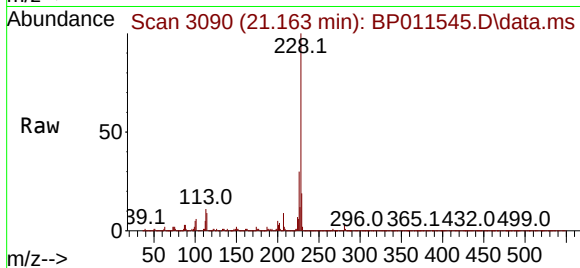
Tgt Ion:228 Resp: 377966

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 18.726 ng/ul

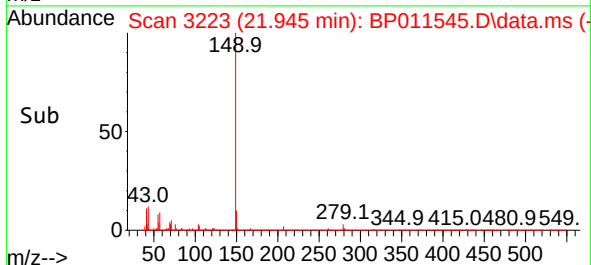
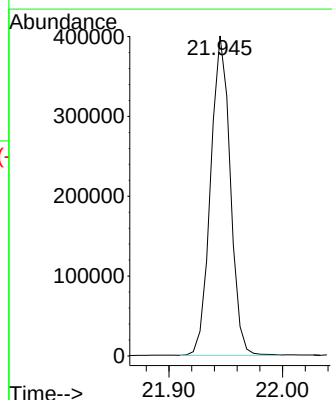
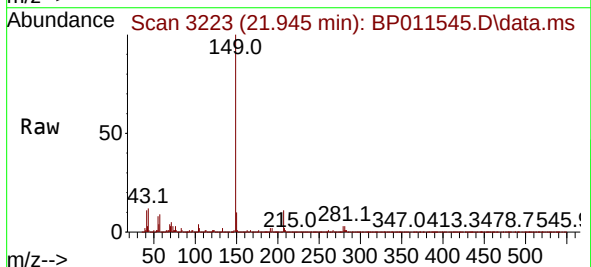
RT: 21.945 min Scan# 3223

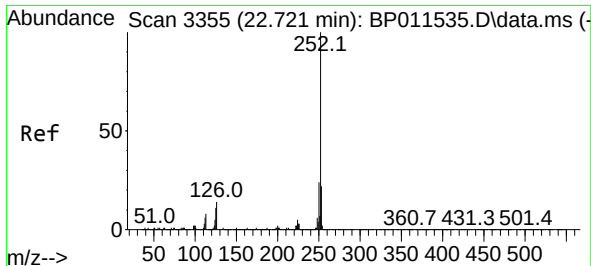
Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Tgt Ion:149 Resp: 480726

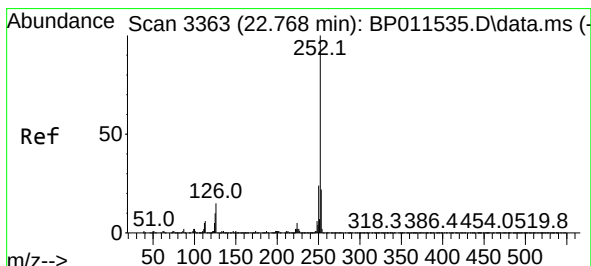
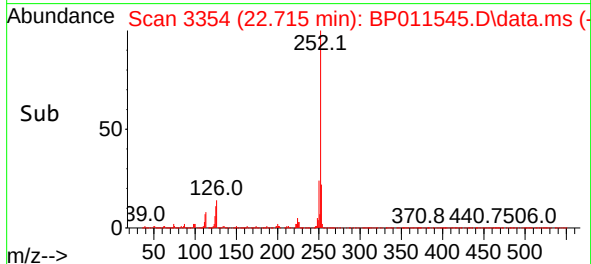
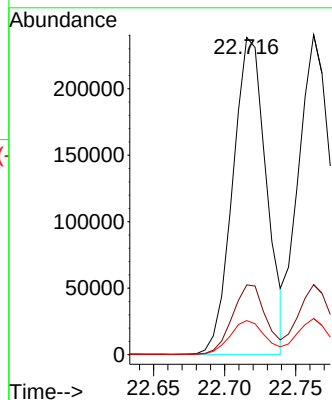
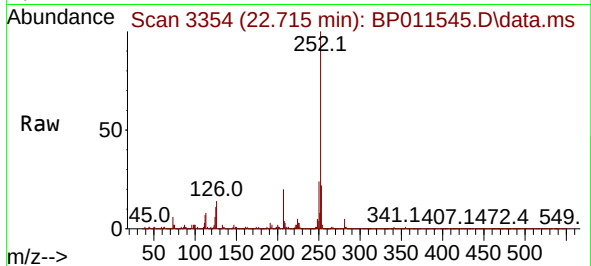




#90
Benzo(b)fluoranthene
Concen: 19.710 ng/ul
RT: 22.715 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

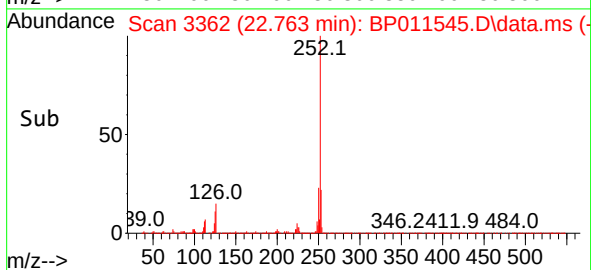
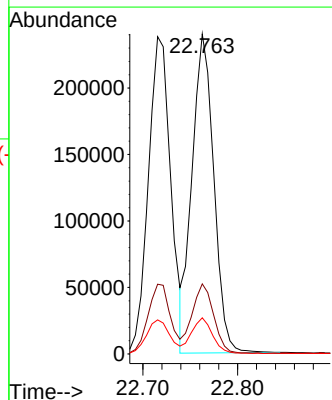
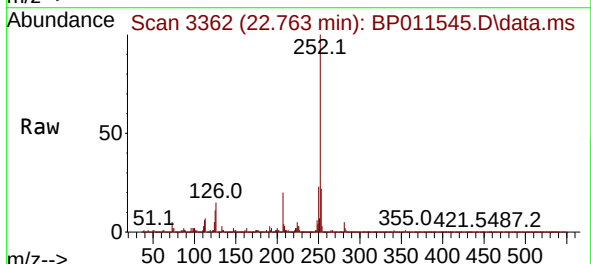
Instrument :
BNA_P
ClientSampleId :

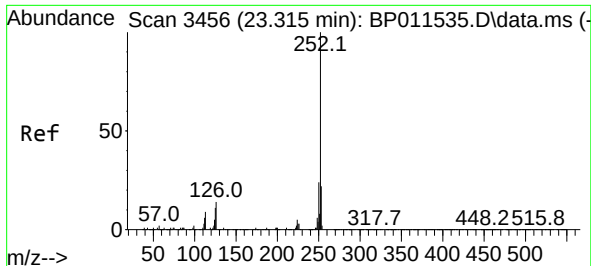
Tgt Ion:252 Resp: 391550
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.8 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 20.211 ng/ul
RT: 22.763 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:252 Resp: 383154
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.3 9.8 14.8

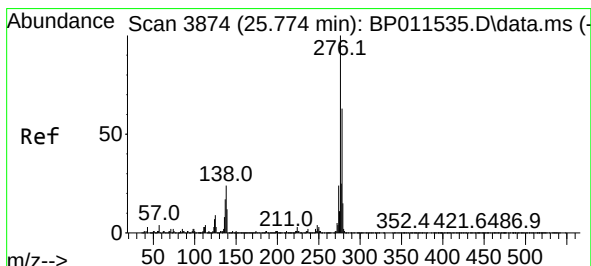
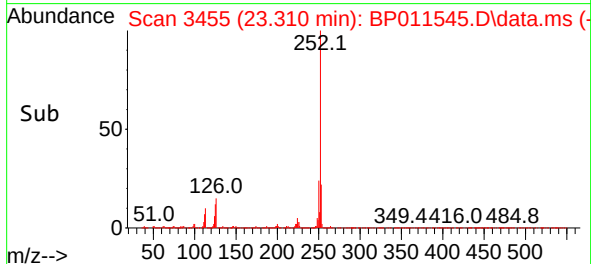
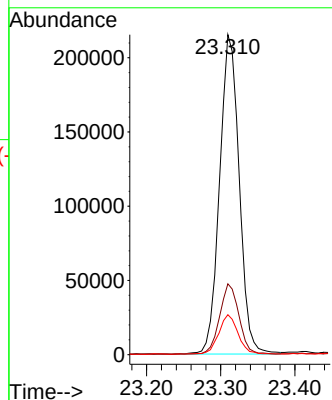
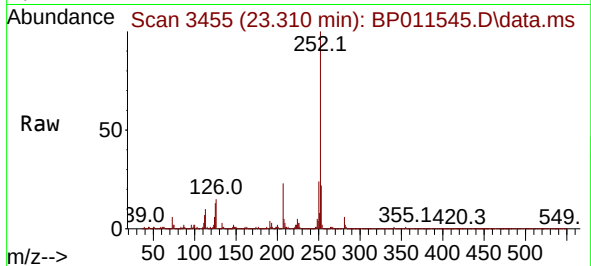




#93
Benzo(a)pyrene
Concen: 20.381 ng/ul
RT: 23.310 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

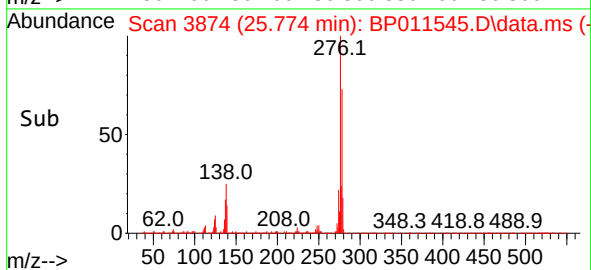
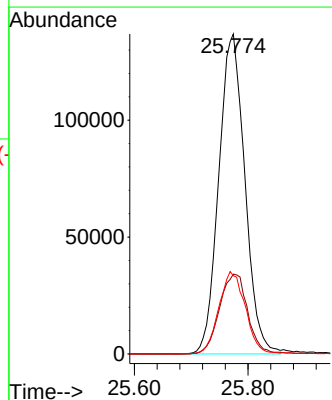
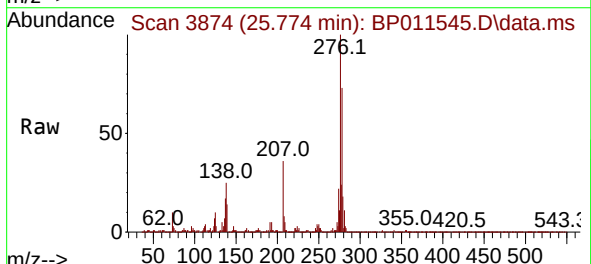
Instrument :
BNA_P
ClientSampleId :

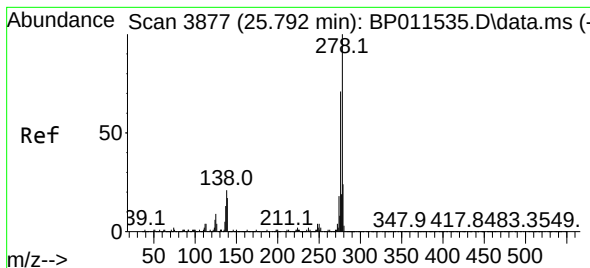
Tgt Ion:252 Resp: 395272
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 12.5 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.169 ng/ul
RT: 25.774 min Scan# 3874
Delta R.T. 0.000 min
Lab File: BP011545.D
Acq: 24 Aug 2022 17:50

Tgt Ion:276 Resp: 436310
Ion Ratio Lower Upper
276 100
138 24.9 20.2 30.4
277 24.5 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 20.394 ng/ul

RT: 25.792 min Scan# 3877

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Instrument :

BNA_P

ClientSampleId :

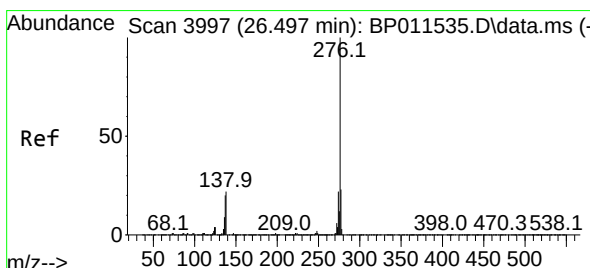
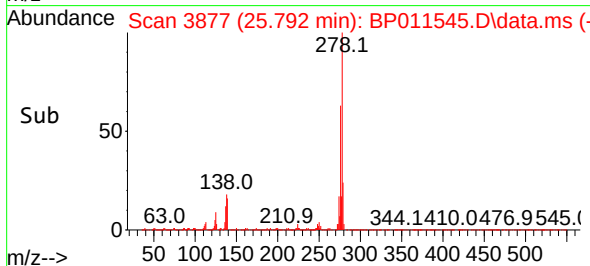
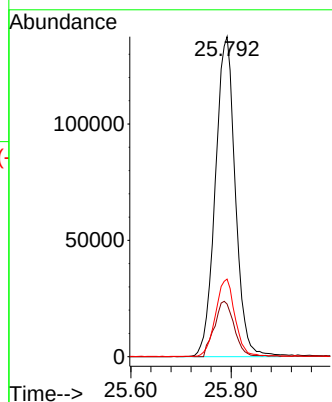
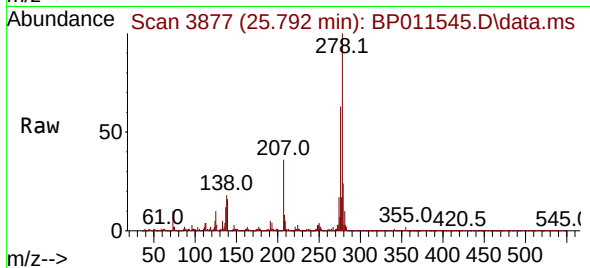
Tgt Ion:278 Resp: 379875

Ion Ratio Lower Upper

278 100

139 16.4 15.4 23.0

279 24.2 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 19.762 ng/ul

RT: 26.486 min Scan# 3995

Delta R.T. 0.000 min

Lab File: BP011545.D

Acq: 24 Aug 2022 17:50

Tgt Ion:276 Resp: 363642

Ion Ratio Lower Upper

276 100

138 22.3 19.4 29.2

277 22.7 19.1 28.7

