

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
 Data File : BP05116.D
 Acq On : 16 May 2023 19:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020712

Quant Time: May 17 00:37:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 16 01:39:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	326203	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	1506853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	955372	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.528	188	2035817	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1759158	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1678422	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	71521	8.519	ng/uL	0.00
4) Pyridine-d5	3.875	84	517213	21.733	ng/u1	0.00
7) Phenol-d5	7.281	99	637495	21.048	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	393246	22.481	ng/u1	0.00
11) 2-Chlorophenol-d4	7.657	132	478835	21.502	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	516691	21.409	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	248861	21.017	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.034	143	273765	20.779	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.575	165	507471	21.346	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.098	131	770413	21.902	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1538447	21.310	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	1801049	21.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	290724	20.739	ng/u1	0.00
60) Fluorene-d10	15.763	176	1315681	21.598	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	246718	19.230	ng/u1	0.00
73) Anthracene-d10	17.628	188	2030911	21.786	ng/u1	0.00
81) Pyrene-d10	19.845	212	2239816	21.953	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	1773971	21.291	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	75667	8.387	ng/uL	98
5) Pyridine	3.893	79	532591	21.518	ng/u1	99
6) Benzaldehyde	7.258	77	167741	20.150	ng/u1	96
8) Phenol	7.305	94	675157	21.739	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.546	93	552450	22.233	ng/u1	99
12) 2-Chlorophenol	7.687	128	513327	21.793	ng/u1	98
13) 2-Methylphenol	8.575	108	515803	21.489	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	714571	22.954	ng/u1	99
16) Acetophenone	8.963	105	864567	22.953	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.946	70	448518	22.705	ng/u1	98
18) 4-Methylphenol	8.910	108	580818	21.984	ng/u1	98
19) Hexachloroethane	9.222	117	210933	21.932	ng/u1	97
22) Nitrobenzene	9.352	77	642746	21.979	ng/u1	100
23) Isophorone	9.881	82	1272114	21.163	ng/u1	100
25) 2-Nitrophenol	10.069	139	305357	21.136	ng/u1	97
26) 2,4-Dimethylphenol	10.122	107	630922	21.884	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.363	93	794813	21.732	ng/u1	99
29) 2,4-Dichlorophenol	10.604	162	523645	21.806	ng/u1	99
30) Naphthalene	11.010	128	1783170	21.767	ng/u1	99
32) 4-Chloroaniline	11.122	127	807620	22.339	ng/u1	100
33) Hexachlorobutadiene	11.293	225	303281	20.954	ng/u1	98
34) Caprolactam	11.898	113	116613	12.880	ng/u1	91
35) 4-Chloro-3-methylphenol	12.234	107	589625	21.745	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1186452	21.494	ng/u1	99

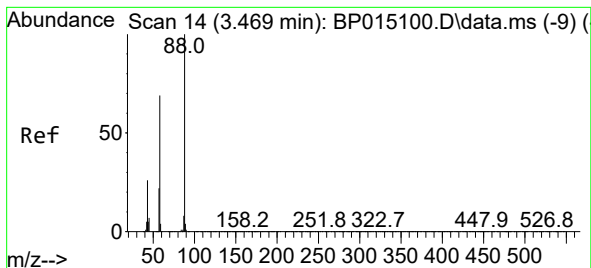
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1206813	21.771	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.975	216	615589	21.544	ng/ul	98
40) Hexachlorocyclopentadiene	12.951	237	341524	18.448	ng/ul	97
41) 2,4,6-Trichlorophenol	13.210	196	419890	20.811	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	459088	20.986	ng/ul	99
43) 1,1'-Biphenyl	13.610	154	1620840	21.866	ng/ul	100
44) 2-Chloronaphthalene	13.651	162	1268257	21.909	ng/ul	99
45) 2-Nitroaniline	13.857	65	364087	21.982	ng/ul	99
47) Dimethylphthalate	14.222	163	1620678	21.556	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	317685	21.328	ng/ul	99
50) Acenaphthylene	14.498	152	2019392	21.920	ng/ul	100
51) 3-Nitroaniline	14.675	138	244764	18.249	ng/ul	96
52) Acenaphthene	14.839	153	1388512	22.067	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	161708	16.351	ng/ul	94
55) 4-Nitrophenol	14.975	109	227889	22.102	ng/ul	98
56) Dibenzofuran	15.169	168	1913326	21.862	ng/ul	99
57) 2,4-Dinitrotoluene	15.134	165	460783	21.378	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.392	232	387963	21.013	ng/ul	99
59) Diethylphthalate	15.581	149	1597048	21.297	ng/ul	100
61) Fluorene	15.822	166	1554048	22.096	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	752107	21.886	ng/ul	98
63) 4-Nitroaniline	15.834	138	216800	18.718	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.898	198	263372	19.890	ng/ul	97
67) N-Nitrosodiphenylamine	16.022	169	1318281	22.022	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	456919	21.790	ng/ul	98
69) Hexachlorobenzene	16.828	284	526246	21.236	ng/ul	98
70) Atrazine	16.975	200	473318	21.392	ng/ul	100
71) Pentachlorophenol	17.169	266	307218	19.820	ng/ul	99
72) Phenanthrene	17.569	178	2447522	22.078	ng/ul	100
74) Anthracene	17.663	178	2470455	22.038	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	628772	21.783	ng/ul	99
76) Pentachlorobenzene	15.087	250	629665	21.726	ng/ul	99
77) Carbazole	17.922	167	2219950	22.584	ng/ul	99
78) Di-n-butylphthalate	18.457	149	2693930	21.281	ng/ul	100
80) Fluoranthene	19.522	202	2782687	22.377	ng/ul	99
82) Pyrene	19.875	202	2900156	22.584	ng/ul	99
83) Butylbenzylphthalate	20.727	149	1178271	20.697	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	795218	20.583	ng/ul	98
85) Benzo(a)anthracene	21.586	228	2631063	21.631	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	1661949	20.277	ng/ul	99
87) Chrysene	21.645	228	2512602	21.609	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	2748818	23.913	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2403499	22.589	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	2430110	23.785	ng/ul	99
93) Benzo(a)pyrene	24.057	252	2051276	21.811	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	2215114	18.190	ng/ul	100
95) Dibenzo(a,h)anthracene	26.909	278	1848982	18.496	ng/ul	100
96) Benzo(g,h,i)perylene	27.733	276	1741915	17.542	ng/ul	100

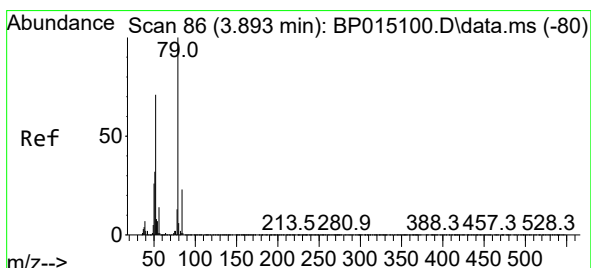
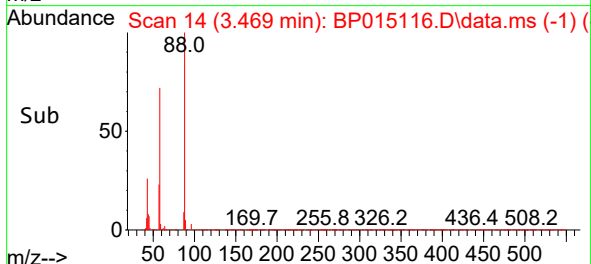
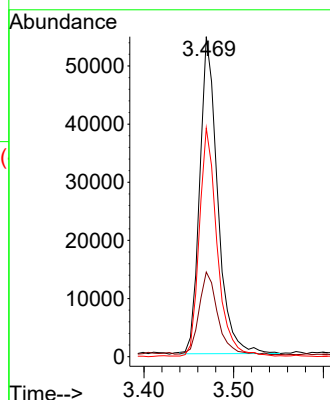
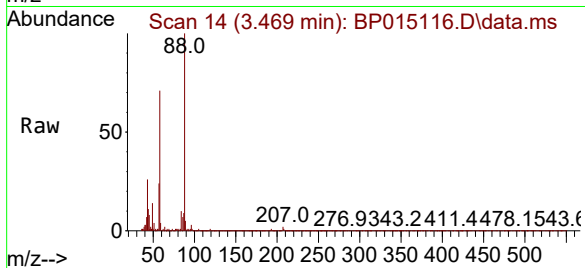
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#2
1,4-Dioxane
Concen: 8.387 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP015116.D
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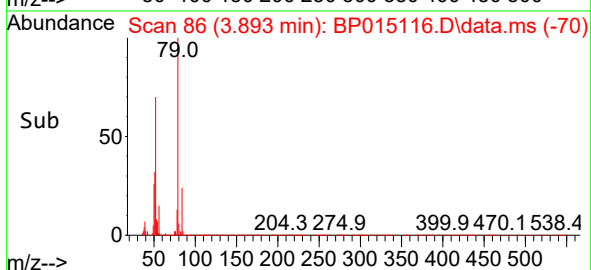
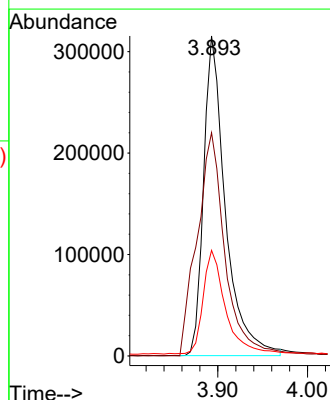
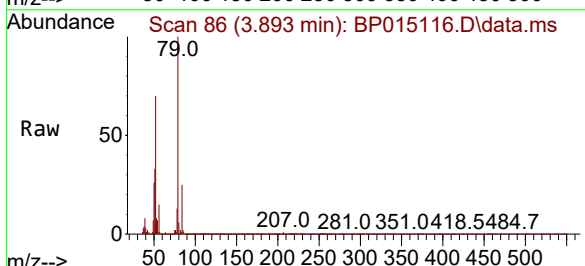
Instrument :
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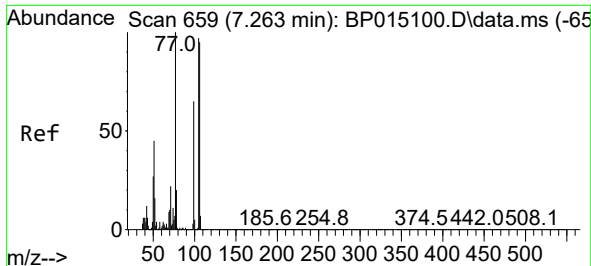
Tgt Ion: 88 Resp: 75667
Ion Ratio Lower Upper
88 100
43 26.5 20.4 30.6
58 71.5 55.4 83.2



#5
Pyridine
Concen: 21.518 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion: 79 Resp: 532591
Ion Ratio Lower Upper
79 100
52 69.8 55.4 83.2
51 33.0 25.4 38.2

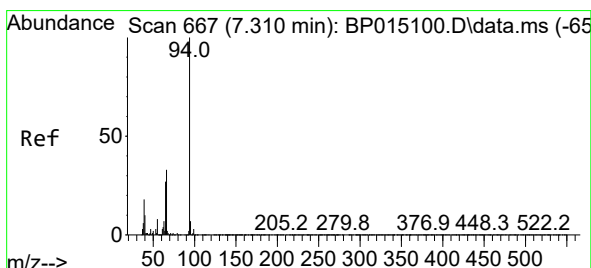
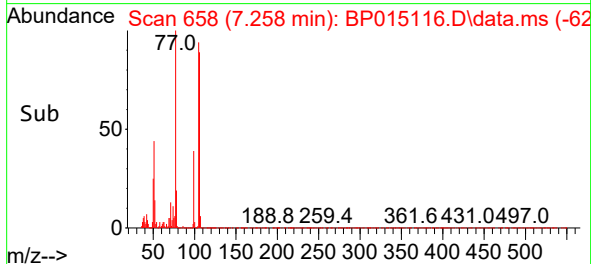
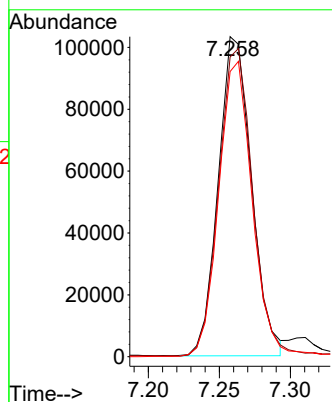
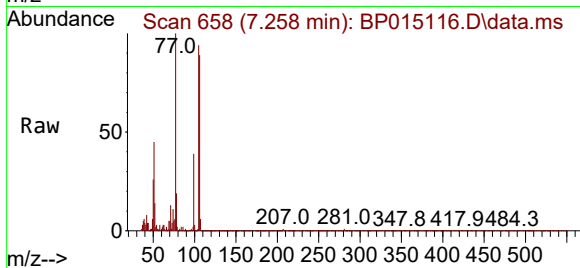




#6
Benzaldehyde
Concen: 20.150 ng/ul
RT: 7.258 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

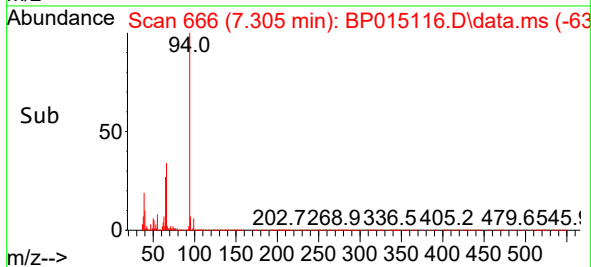
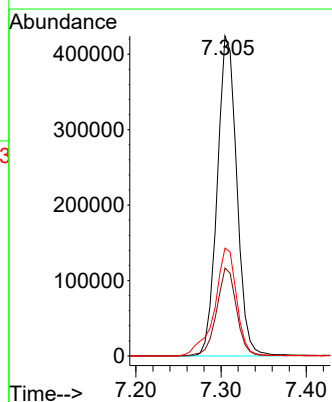
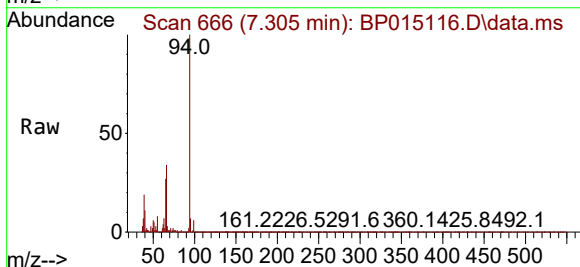
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ClientSampleId :
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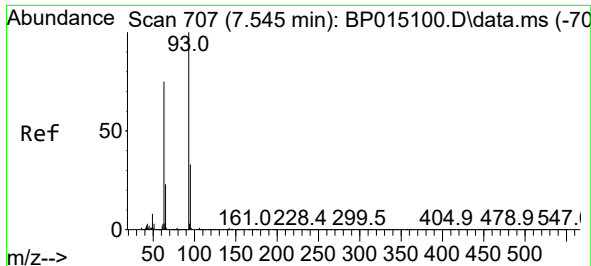
Tgt Ion: 77 Resp: 167741
Ion Ratio Lower Upper
77 100
105 93.7 76.9 115.3
106 89.1 75.0 112.6



#8
Phenol
Concen: 21.739 ng/ul
RT: 7.305 min Scan# 666
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion: 94 Resp: 675157
Ion Ratio Lower Upper
94 100
65 27.4 20.6 31.0
66 33.7 26.1 39.1

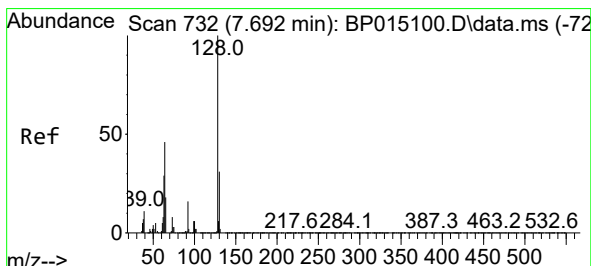
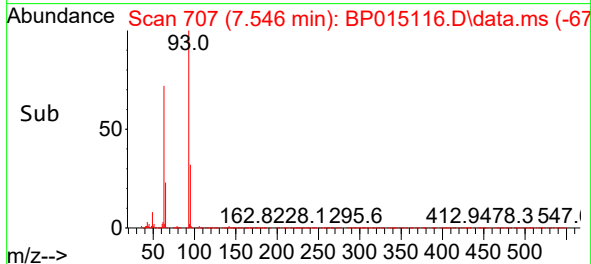
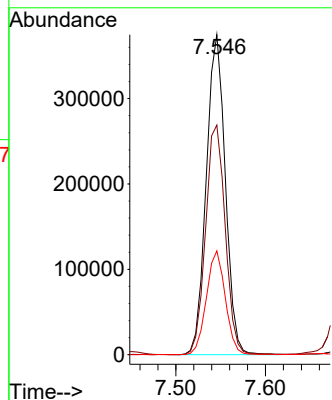
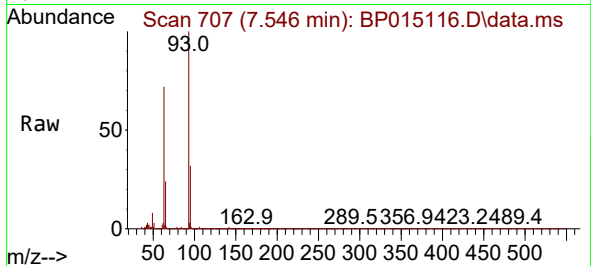




#10
Bis(2-Chloroethyl)ether
Concen: 22.233 ng/ul
RT: 7.546 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

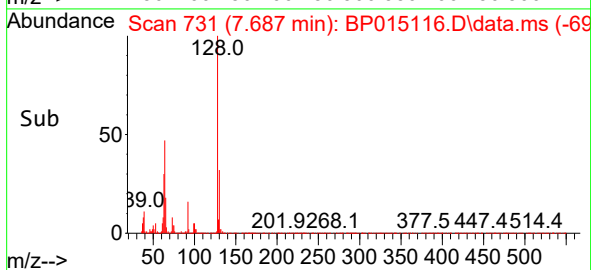
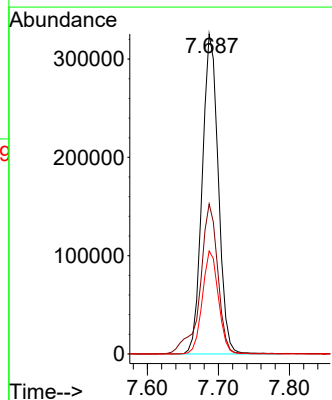
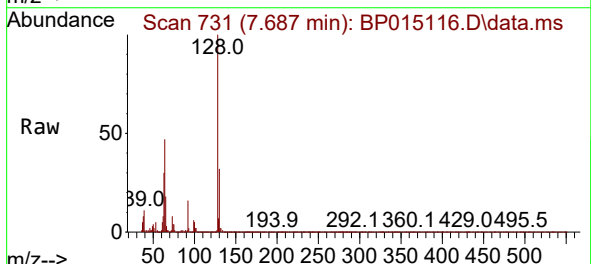
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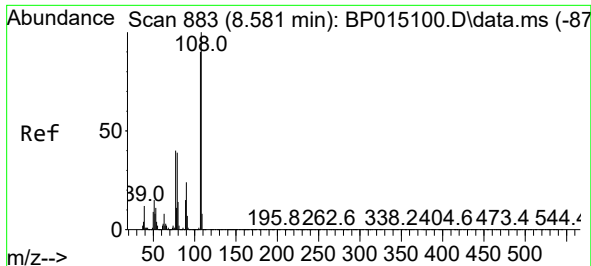
Tgt Ion: 93 Resp: 552450
Ion Ratio Lower Upper
93 100
63 71.7 58.0 87.0
95 32.4 26.4 39.6



#12
2-Chlorophenol
Concen: 21.793 ng/ul
RT: 7.687 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:128 Resp: 513327
Ion Ratio Lower Upper
128 100
64 46.9 36.2 54.2
130 32.2 26.3 39.5





#13

2-Methylphenol

Concen: 21.489 ng/ul

RT: 8.575 min Scan# 8

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

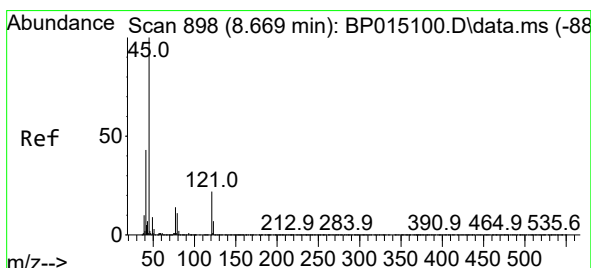
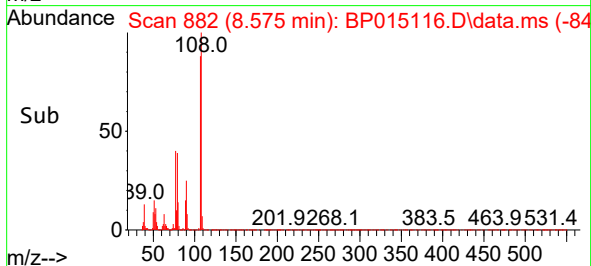
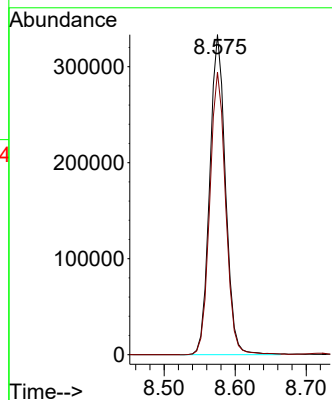
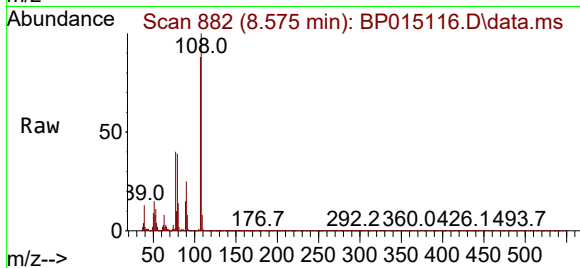
SSTD020712

Tgt Ion:108 Resp: 515803

Ion Ratio Lower Upper

108 100

107 88.3 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.954 ng/ul

RT: 8.669 min Scan# 898

Delta R.T. 0.000 min

Lab File: BP015116.D

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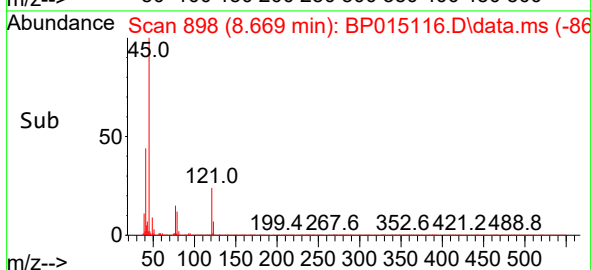
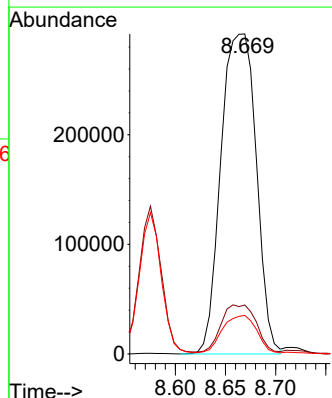
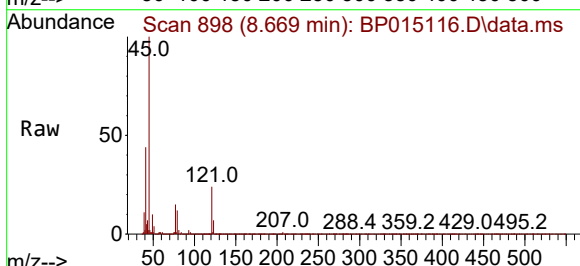
Tgt Ion: 45 Resp: 714571

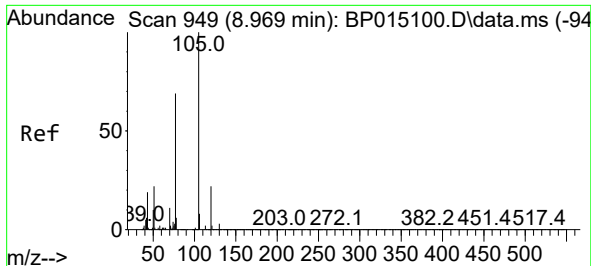
Ion Ratio Lower Upper

45 100

77 15.3 12.8 19.2

79 12.0 9.5 14.3

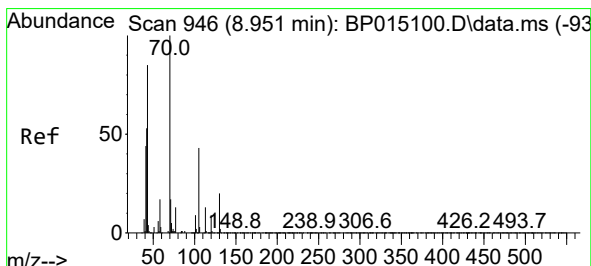
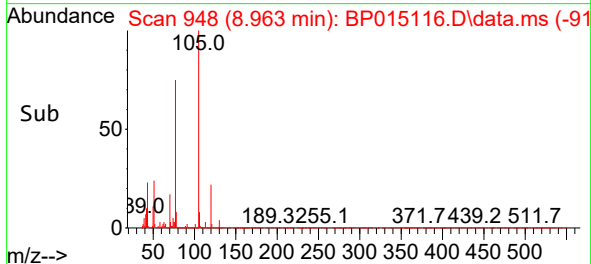
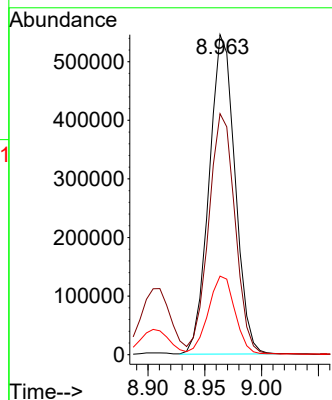
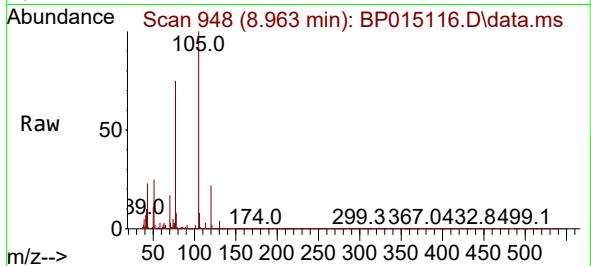




#16
Acetophenone
Concen: 22.953 ng/ul
RT: 8.963 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP015116.D
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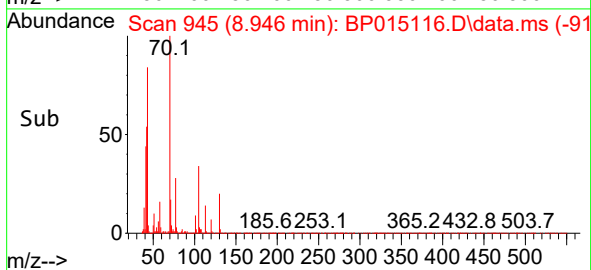
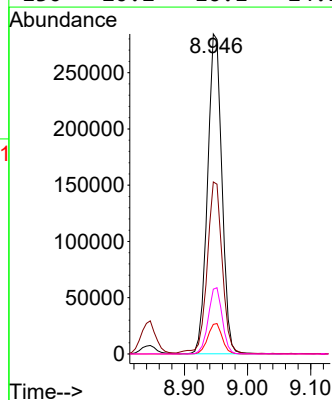
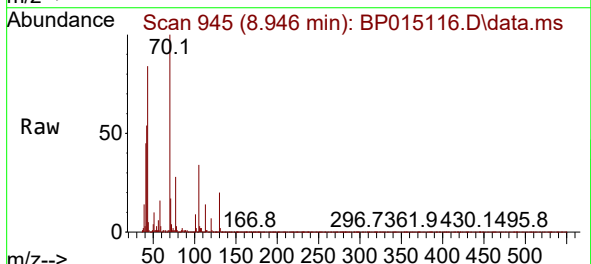
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ClientSampleId :
SSTD020712

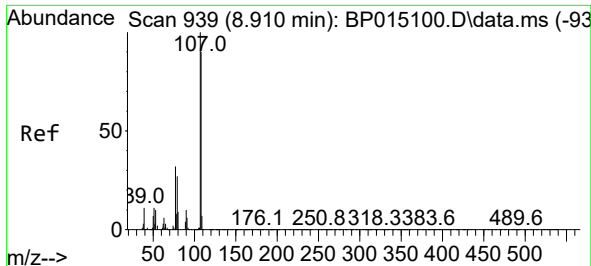
Tgt Ion:105 Resp: 864567
Ion Ratio Lower Upper
105 100
77 75.3 59.4 89.2
51 24.5 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 22.705 ng/ul
RT: 8.946 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion: 70 Resp: 448518
Ion Ratio Lower Upper
70 100
42 53.7 41.0 61.6
101 9.3 7.9 11.9
130 20.2 16.1 24.1

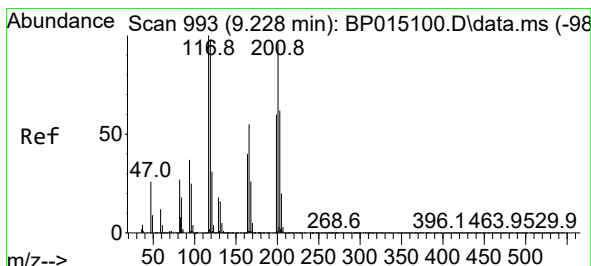
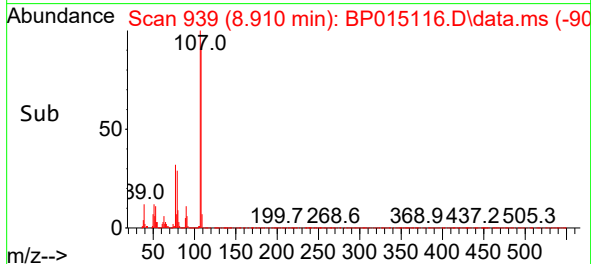
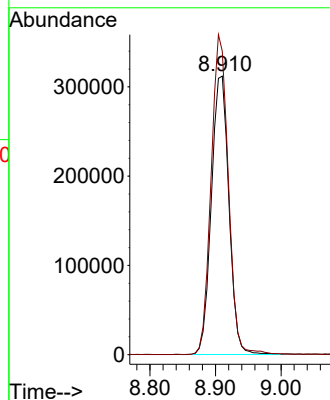
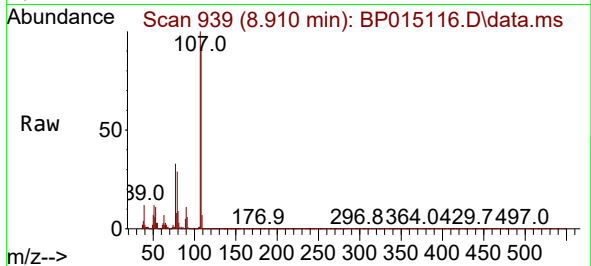




#18
4-Methylphenol
Concen: 21.984 ng/ul
RT: 8.910 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

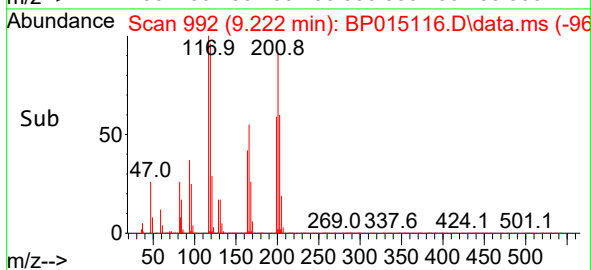
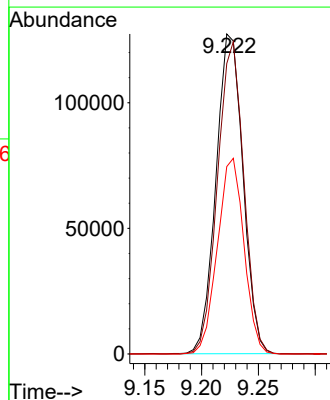
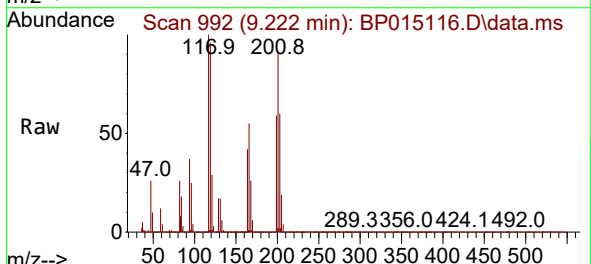
Instrument :
BNA_P
ClientSampleId :
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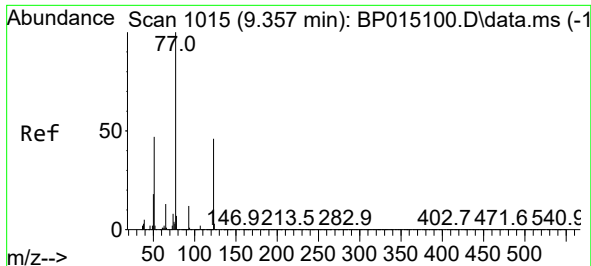
Tgt Ion:108 Resp: 580818
Ion Ratio Lower Upper
108 100
107 109.0 88.5 132.7



#19
Hexachloroethane
Concen: 21.932 ng/ul
RT: 9.222 min Scan# 992
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:117 Resp: 210933
Ion Ratio Lower Upper
117 100
201 90.8 75.8 113.8
199 58.6 46.5 69.7

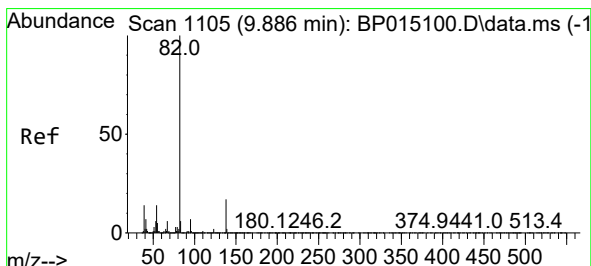
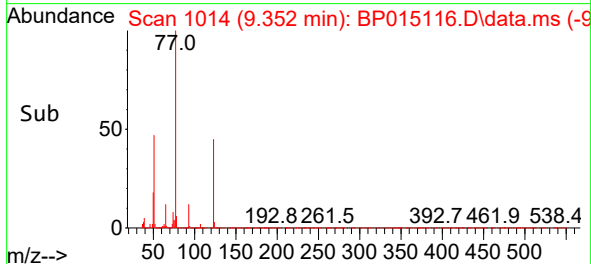
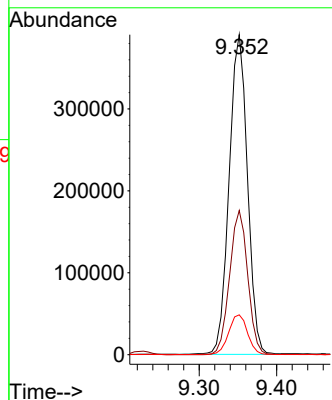
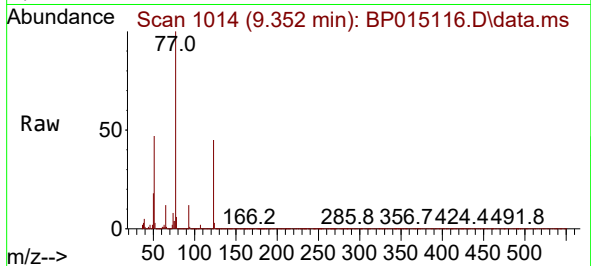




#22
Nitrobenzene
Concen: 21.979 ng/ul
RT: 9.352 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

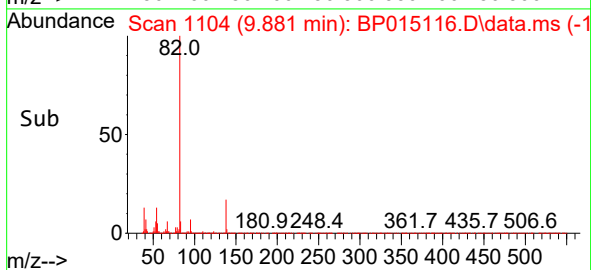
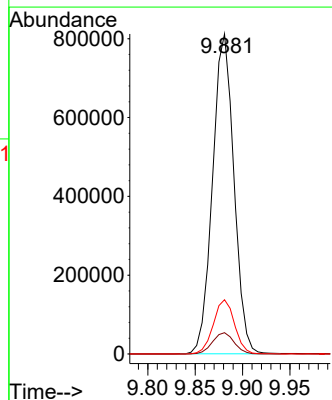
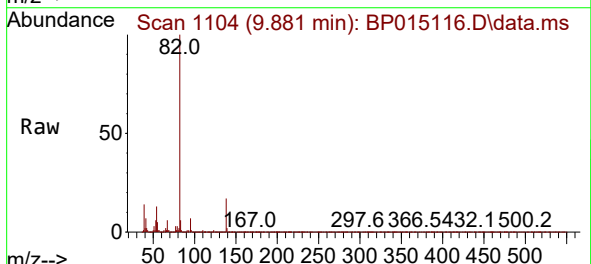
Instrument :
BNA_P
ClientSampleId :
SSTD020712

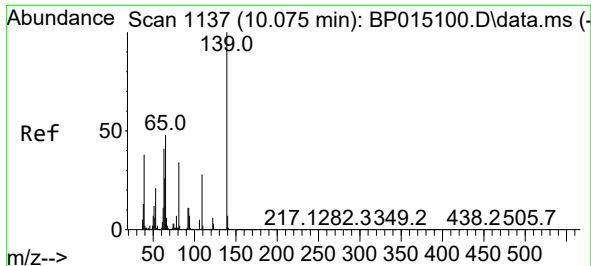
Tgt Ion: 77 Resp: 642746
Ion Ratio Lower Upper
77 100
123 45.0 36.2 54.2
65 12.4 10.1 15.1



#23
Isophorone
Concen: 21.163 ng/ul
RT: 9.881 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion: 82 Resp: 1272114
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.0 13.6 20.4

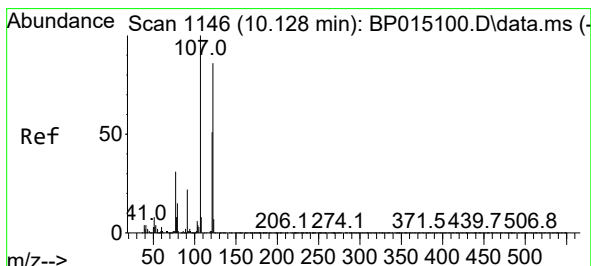
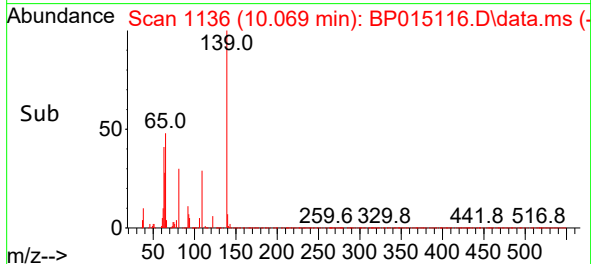
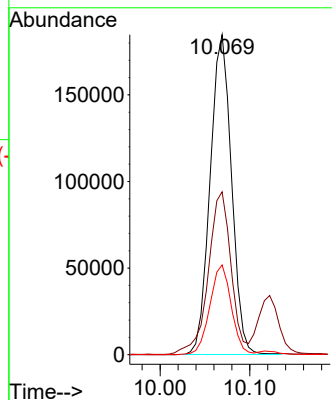
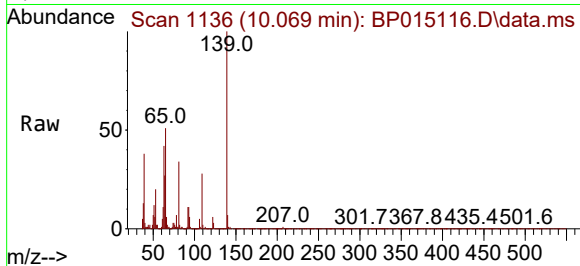




#25
2-Nitrophenol
Concen: 21.136 ng/ul
RT: 10.069 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

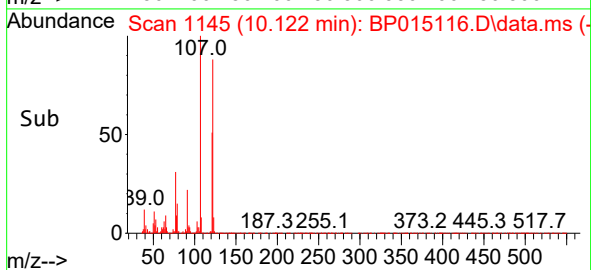
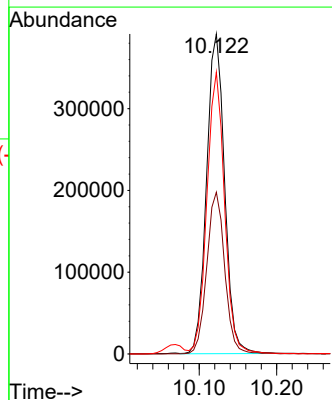
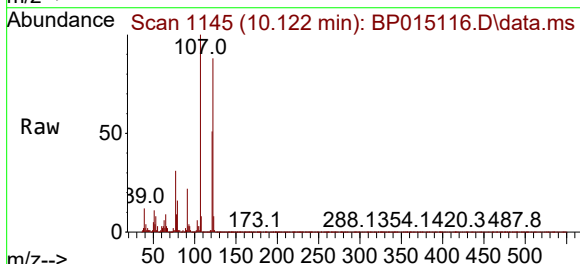
Instrument :
BNA_P
ClientSampleId :
SSTD020712

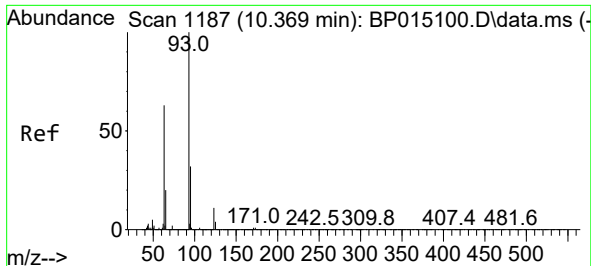
Tgt Ion:139 Resp: 305357
Ion Ratio Lower Upper
139 100
65 50.9 38.4 57.6
109 28.1 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 21.884 ng/ul
RT: 10.122 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:107 Resp: 630922
Ion Ratio Lower Upper
107 100
121 50.6 41.0 61.6
122 88.1 69.5 104.3

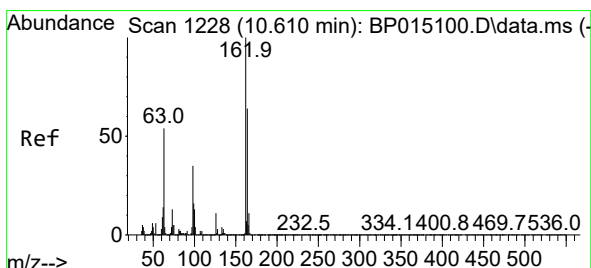
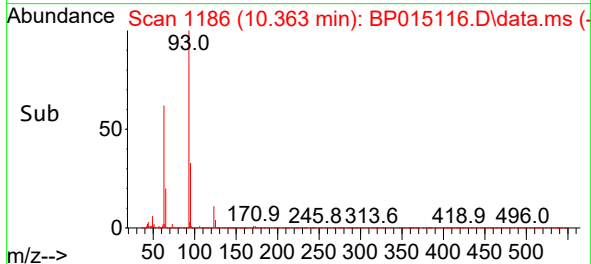
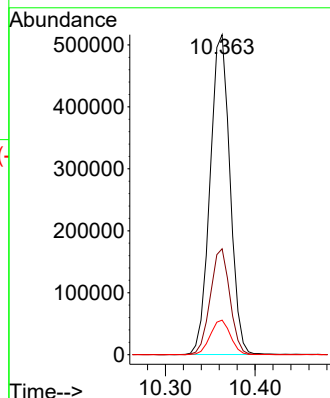
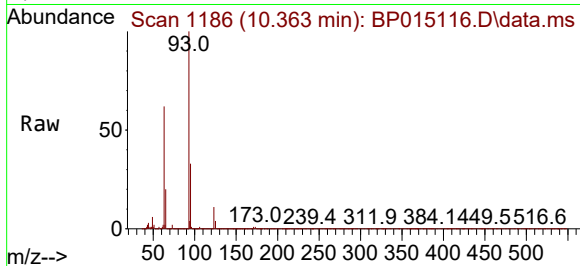




#27
Bis(2-Chloroethoxy)methane
Concen: 21.732 ng/ul
RT: 10.363 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

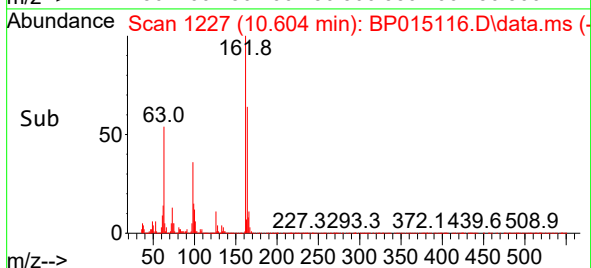
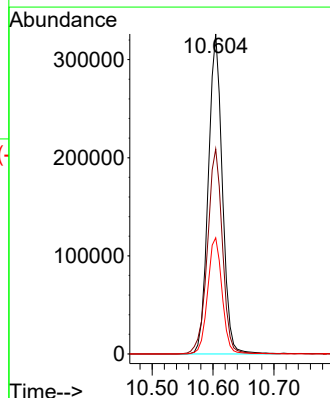
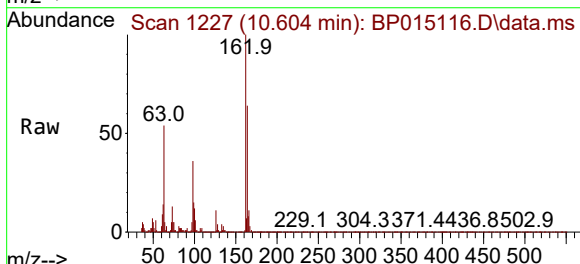
Instrument :
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ClientSampleId :
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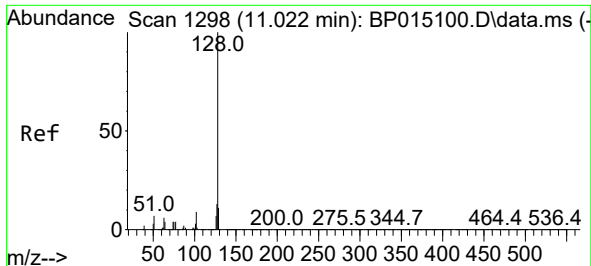
Tgt Ion: 93 Resp: 794813
Ion Ratio Lower Upper
93 100
95 33.1 26.7 40.1
123 10.8 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 21.806 ng/ul
RT: 10.604 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion: 162 Resp: 523645
Ion Ratio Lower Upper
162 100
164 64.0 52.0 78.0
98 36.3 28.9 43.3

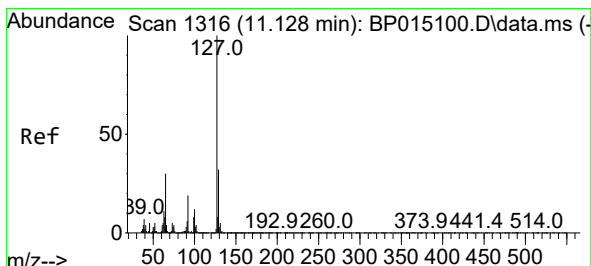
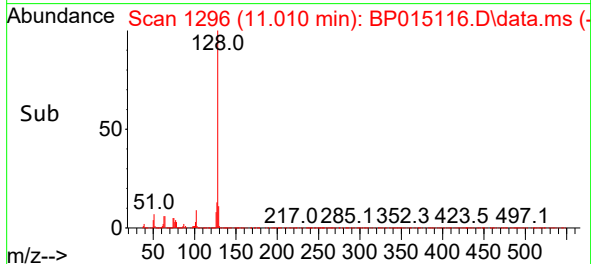
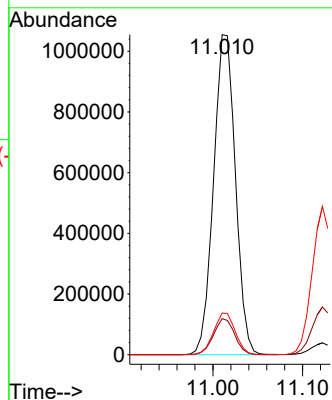
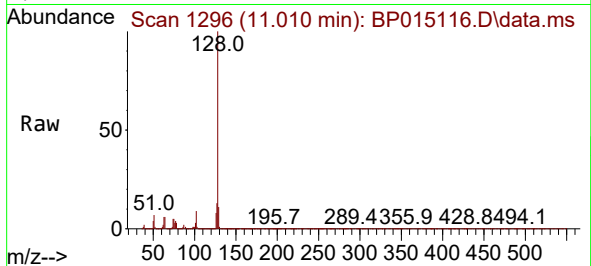




#30
Naphthalene
Concen: 21.767 ng/ul
RT: 11.010 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

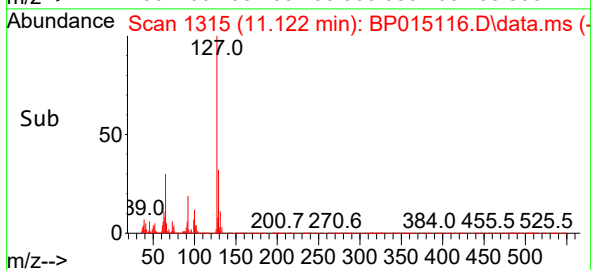
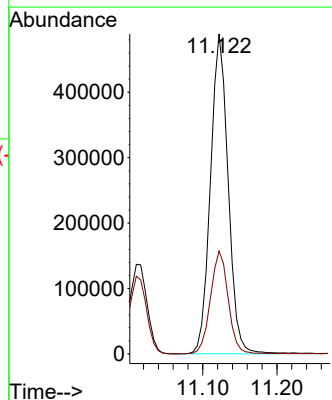
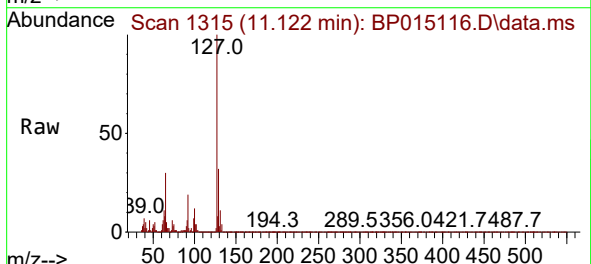
Instrument :
BNA_P
ClientSampleId :
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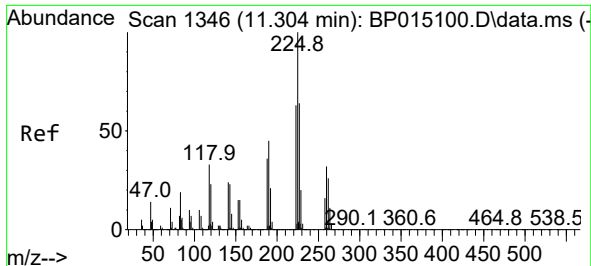
Tgt Ion:128 Resp: 1783170
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 22.339 ng/ul
RT: 11.122 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:127 Resp: 807620
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8

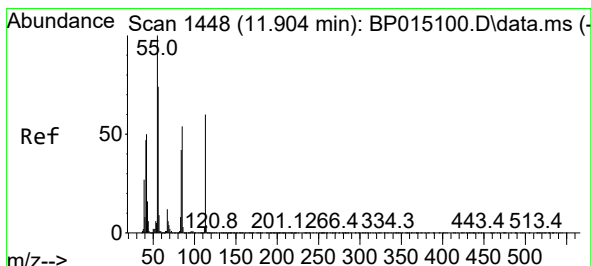
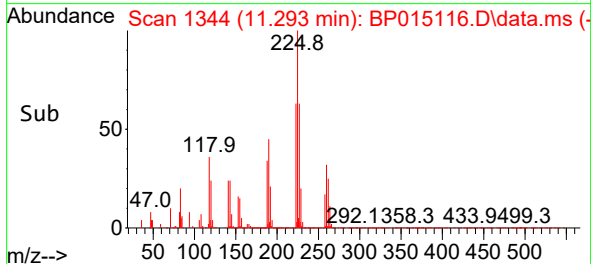
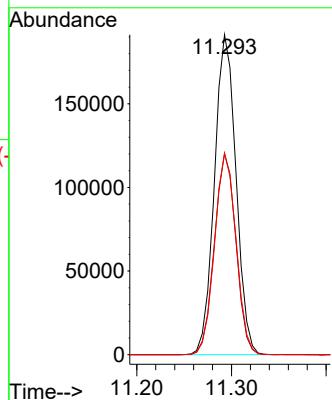
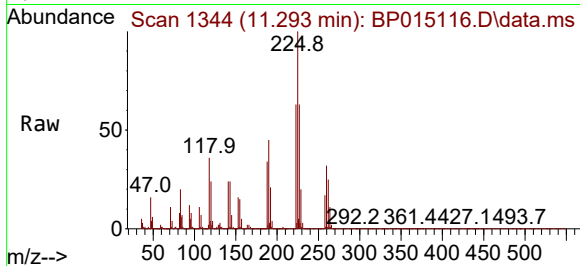




#33
Hexachlorobutadiene
Concen: 20.954 ng/ul
RT: 11.293 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

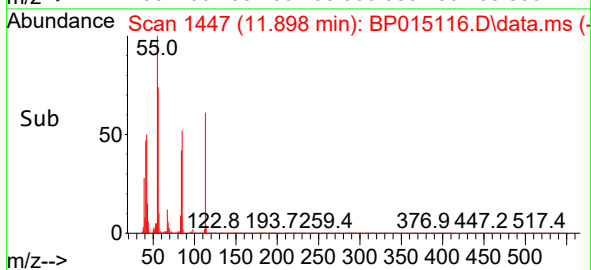
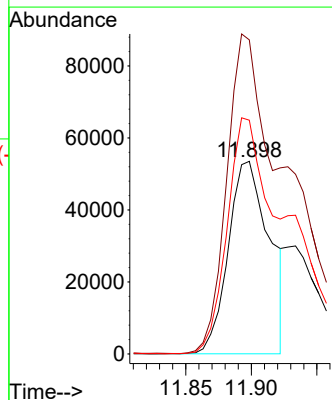
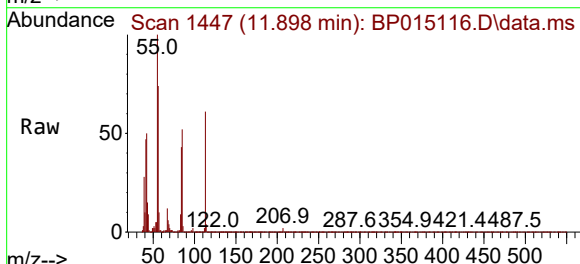
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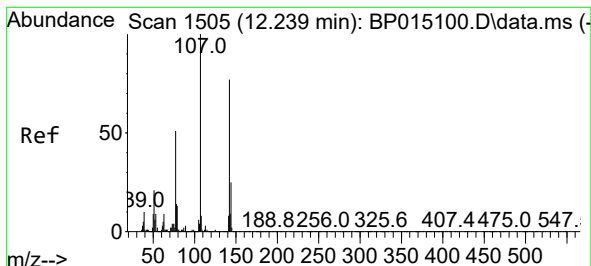
Tgt Ion:225 Resp: 303281
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 63.0 52.2 78.4



#34
Caprolactam
Concen: 12.880 ng/ul
RT: 11.898 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:113 Resp: 116613
Ion Ratio Lower Upper
113 100
55 163.1 121.2 181.8
56 121.4 90.2 135.4

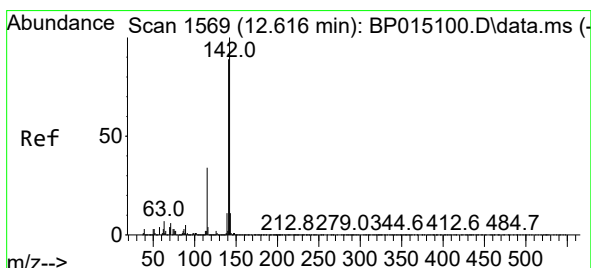
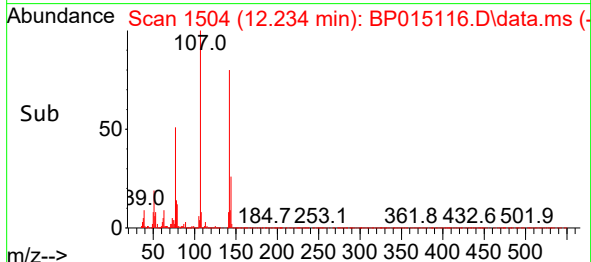
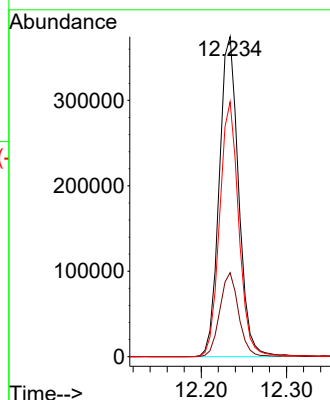
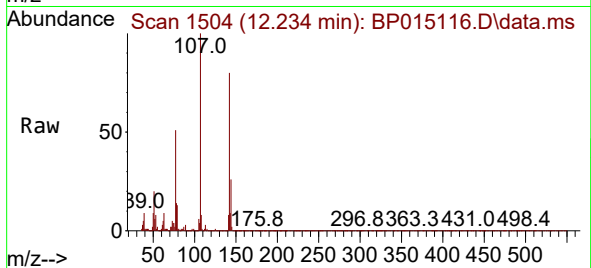




#35
4-Chloro-3-methylphenol
Concen: 21.745 ng/ul
RT: 12.234 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

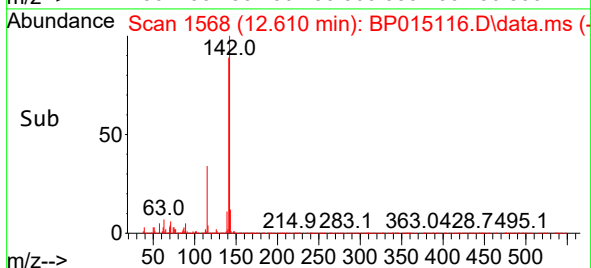
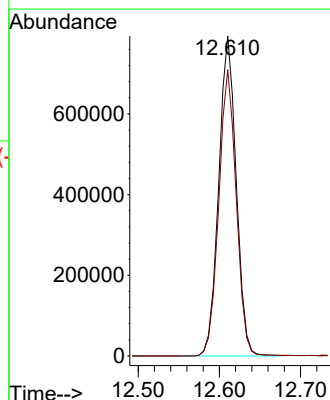
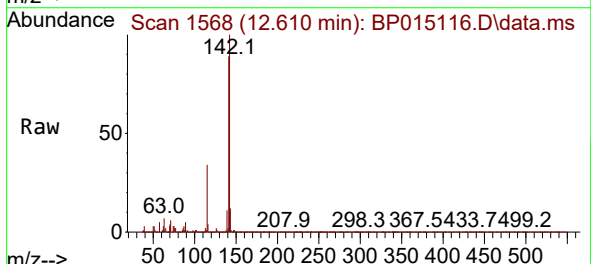
Instrument :
BNA_P
ClientSampleId :
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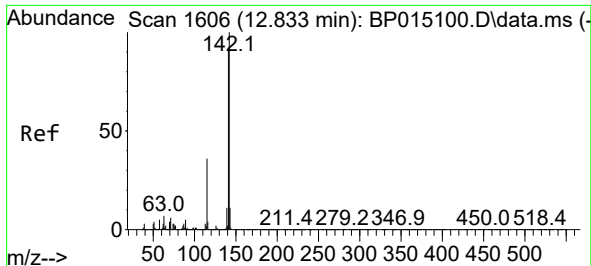
Tgt Ion:107 Resp: 589625
Ion Ratio Lower Upper
107 100
144 26.3 20.3 30.5
142 79.7 63.2 94.8



#36
2-Methylnaphthalene
Concen: 21.494 ng/ul
RT: 12.610 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:142 Resp: 1186452
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6





#37

1-Methylnaphthalene

Concen: 21.771 ng/ul

RT: 12.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

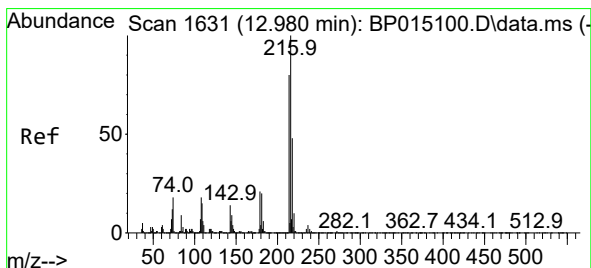
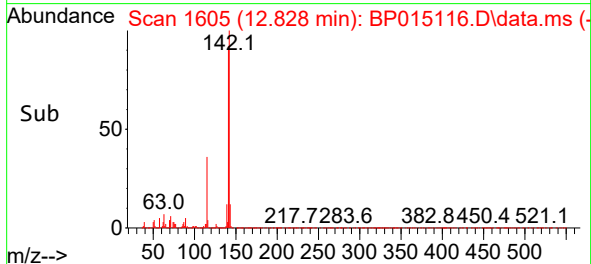
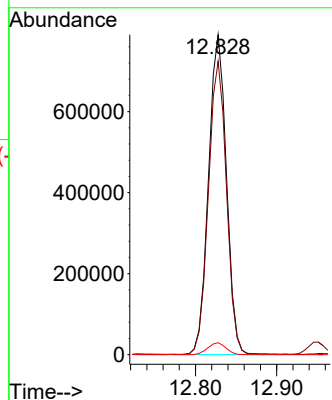
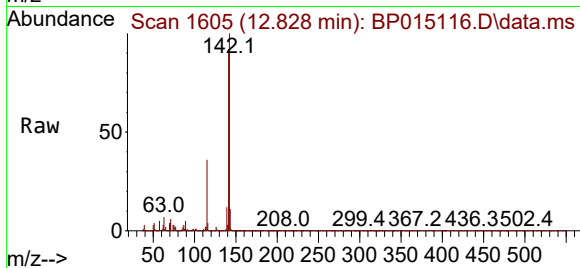
Tgt Ion:142 Resp: 1206813

Ion Ratio Lower Upper

142 100

141 91.7 74.6 112.0

116 3.7 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.544 ng/ul

RT: 12.975 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Tgt Ion:216 Resp: 615589

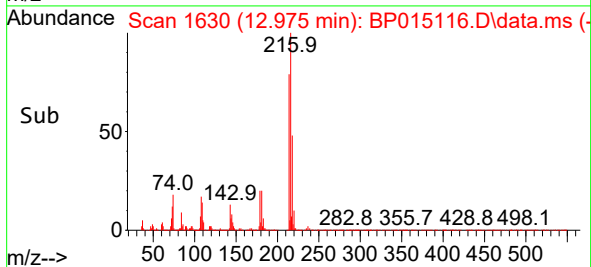
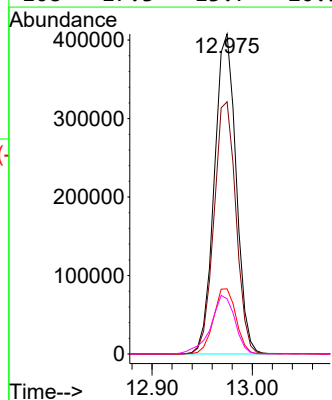
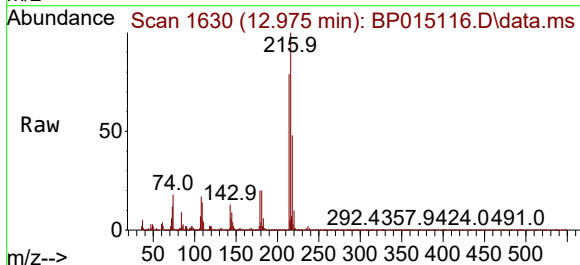
Ion Ratio Lower Upper

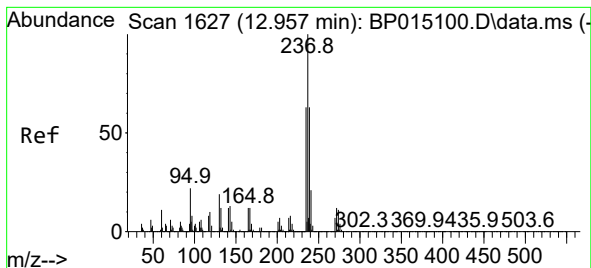
216 100

214 78.8 61.4 92.0

179 20.4 15.9 23.9

108 17.3 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 18.448 ng/ul

RT: 12.951 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

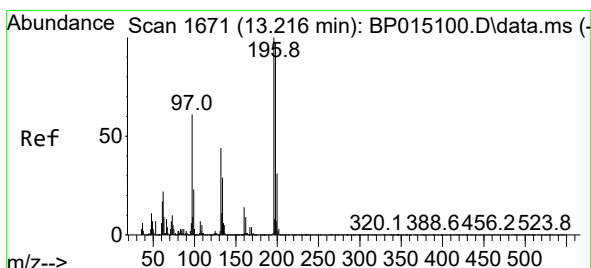
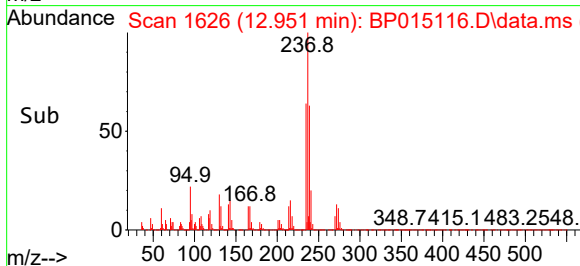
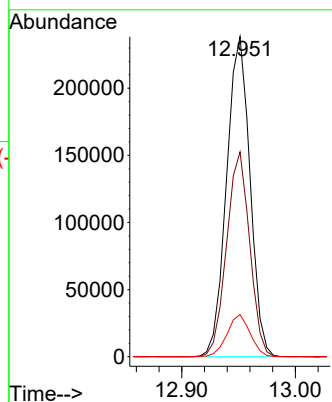
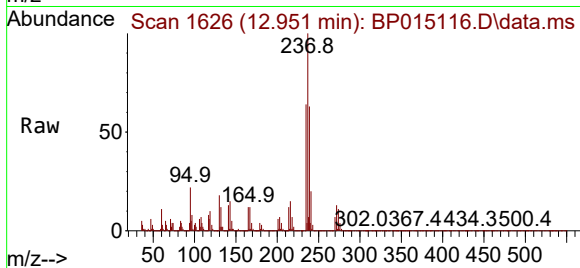
Tgt Ion:237 Resp: 341524

Ion Ratio Lower Upper

237 100

235 64.0 49.4 74.0

272 13.2 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 20.811 ng/ul

RT: 13.210 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

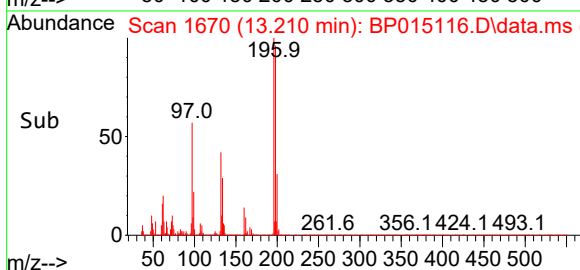
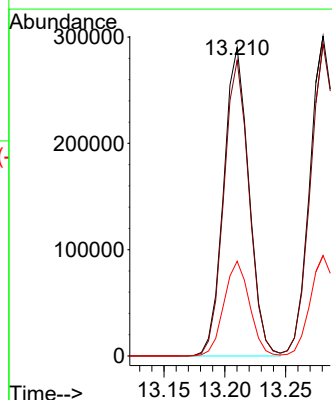
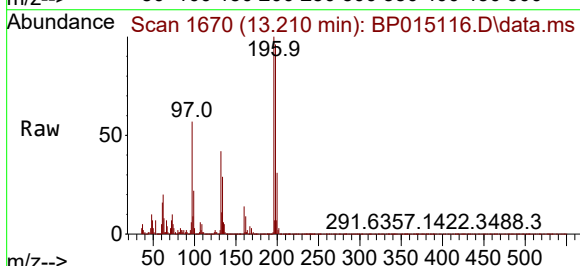
Tgt Ion:196 Resp: 419890

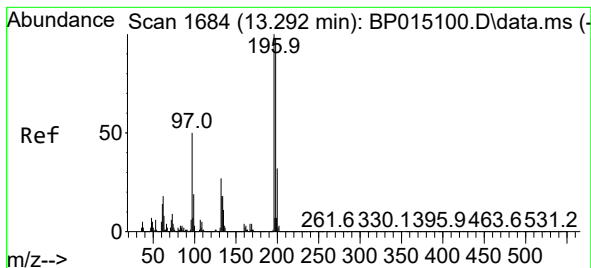
Ion Ratio Lower Upper

196 100

198 95.8 75.5 113.3

200 30.7 23.6 35.4

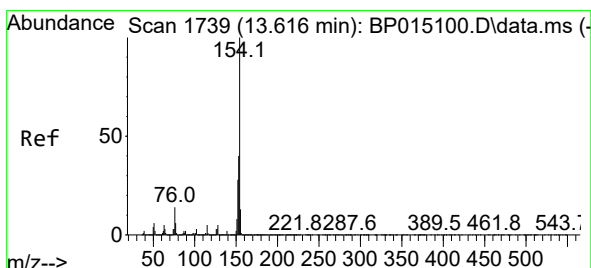
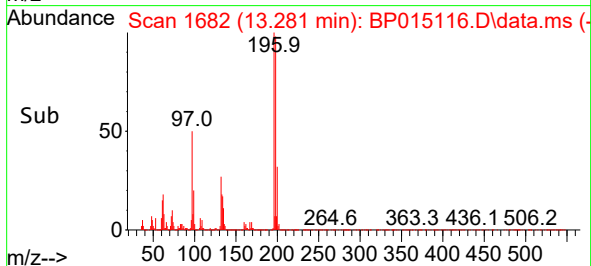
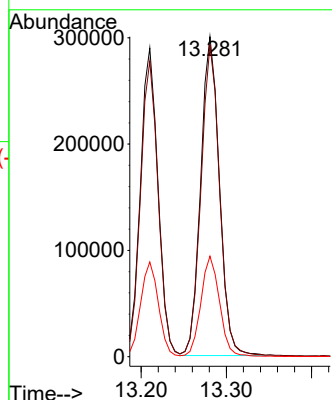
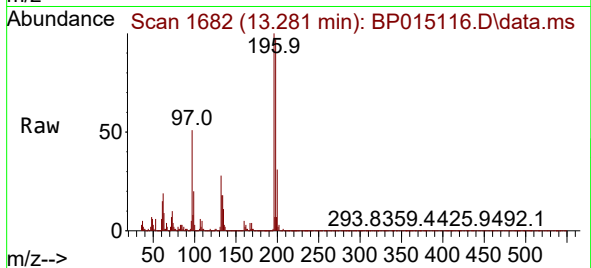




#42
2,4,5-Trichlorophenol
Concen: 20.986 ng/ul
RT: 13.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

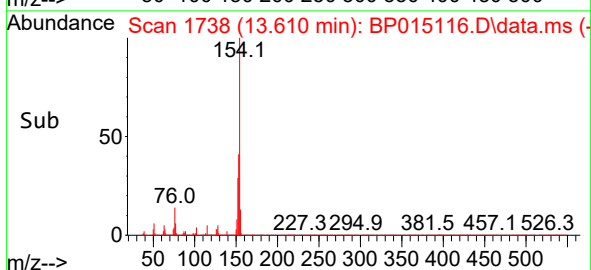
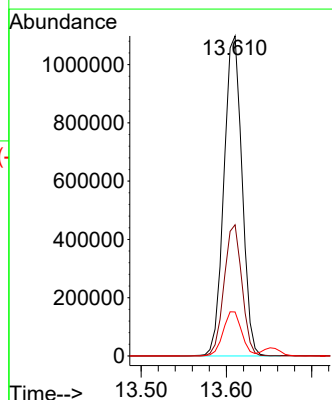
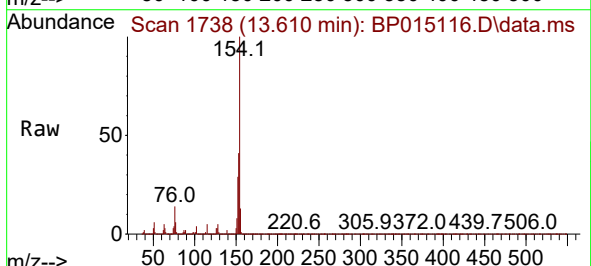
Instrument :
BNA_P
ClientSampleId :
SSTD020712

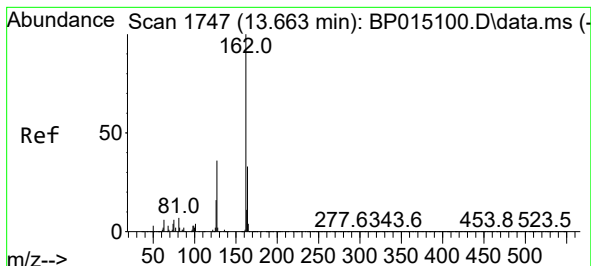
Tgt Ion:196 Resp: 459088
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.4
200 31.4 24.3 36.5



#43
1,1'-Biphenyl
Concen: 21.866 ng/ul
RT: 13.610 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:154 Resp: 1620840
Ion Ratio Lower Upper
154 100
153 41.0 32.7 49.1
76 13.8 10.7 16.1





#44

2-Chloronaphthalene

Concen: 21.909 ng/ul

RT: 13.651 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

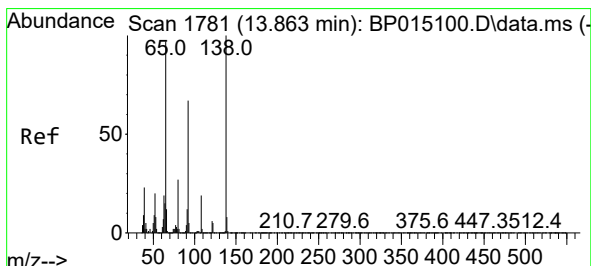
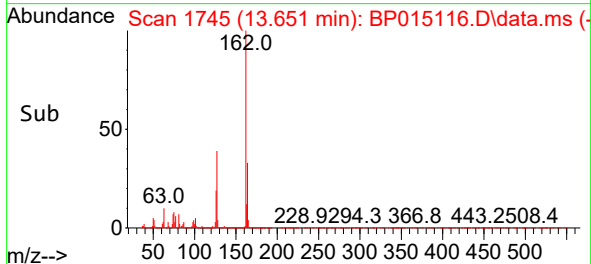
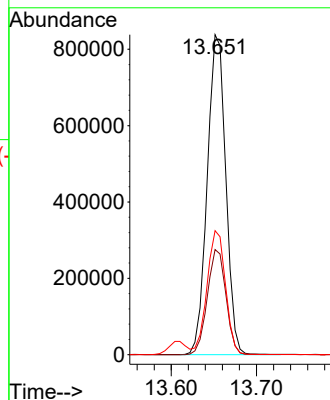
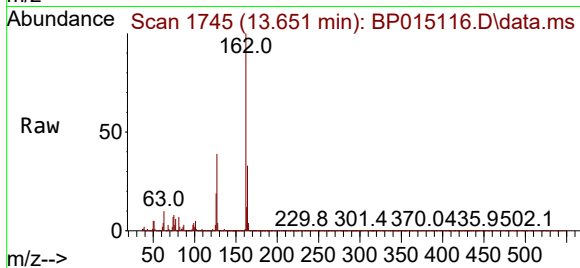
Tgt Ion:162 Resp: 1268257

Ion Ratio Lower Upper

162 100

164 32.8 25.9 38.9

127 38.8 30.8 46.2



#45

2-Nitroaniline

Concen: 21.982 ng/ul

RT: 13.857 min Scan# 1780

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

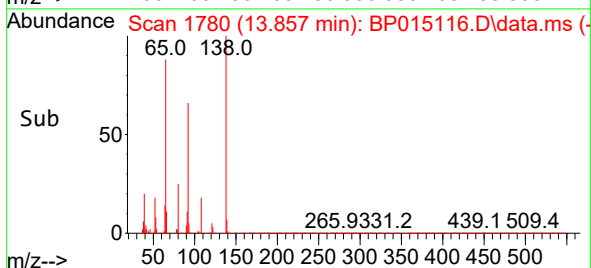
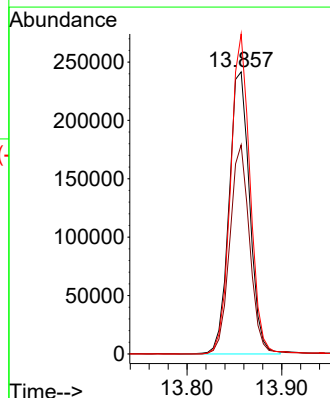
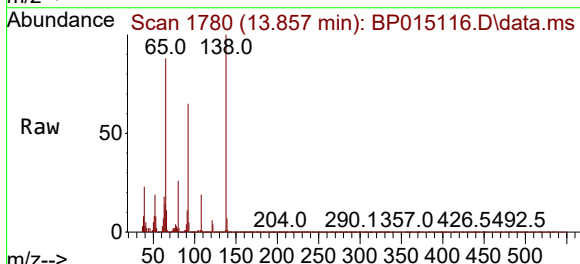
Tgt Ion: 65 Resp: 364087

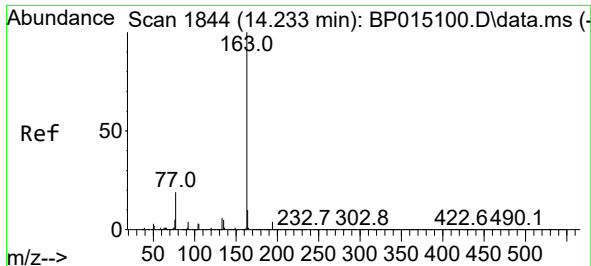
Ion Ratio Lower Upper

65 100

92 74.1 59.8 89.8

138 113.4 92.3 138.5

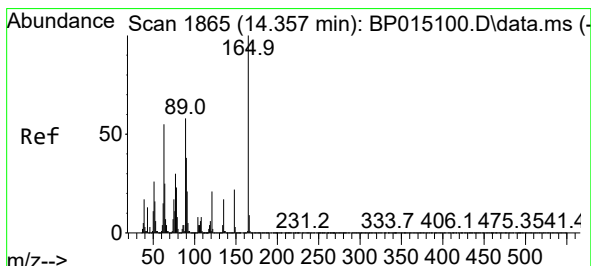
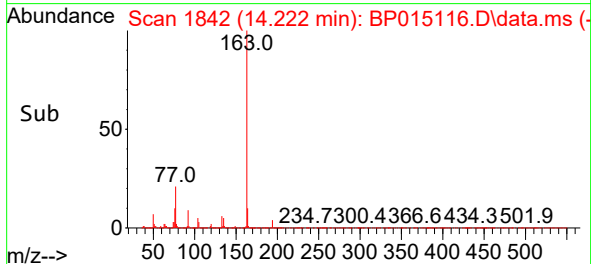
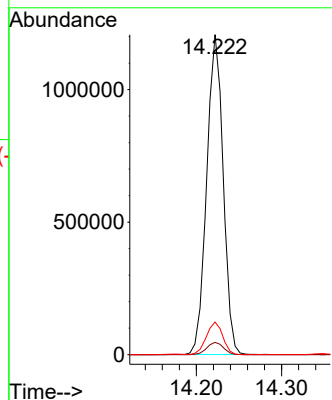
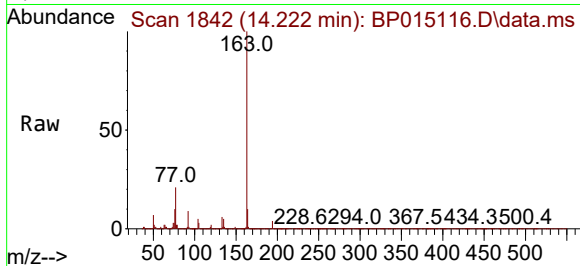




#47
Dimethylphthalate
Concen: 21.556 ng/ul
RT: 14.222 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

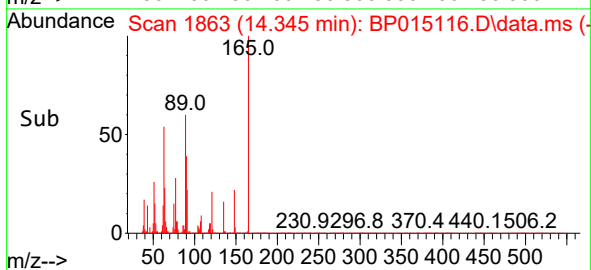
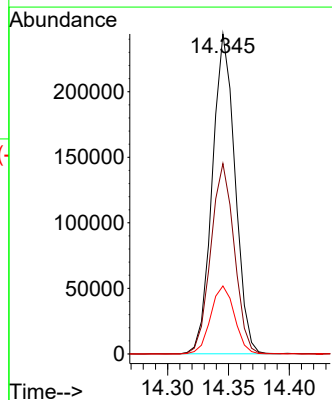
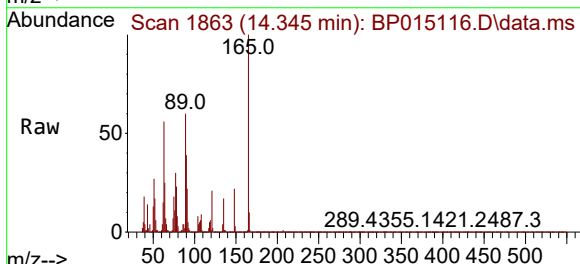
Instrument :
BNA_P
ClientSampleId :
SSTD020712

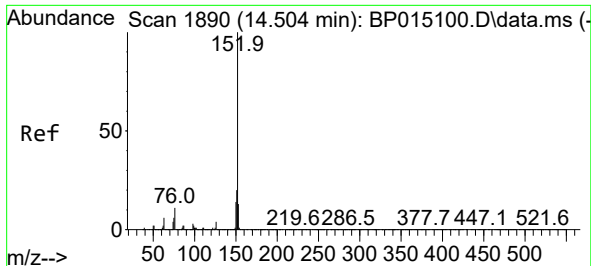
Tgt Ion:163 Resp: 1620678
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.328 ng/ul
RT: 14.345 min Scan# 1863
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:165 Resp: 317685
Ion Ratio Lower Upper
165 100
89 59.5 48.0 72.0
121 21.3 17.5 26.3

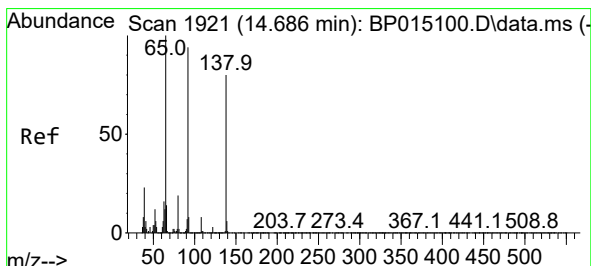
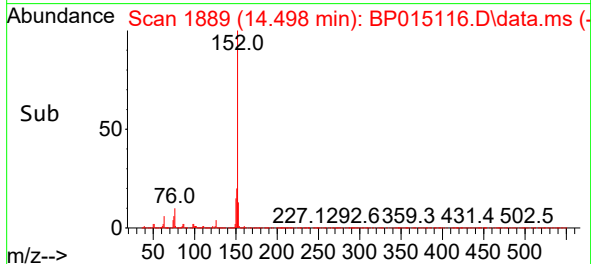
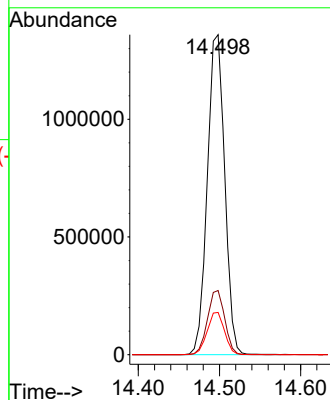
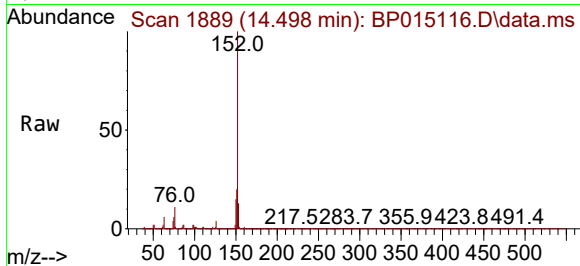




#50
Acenaphthylene
Concen: 21.920 ng/ul
RT: 14.498 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

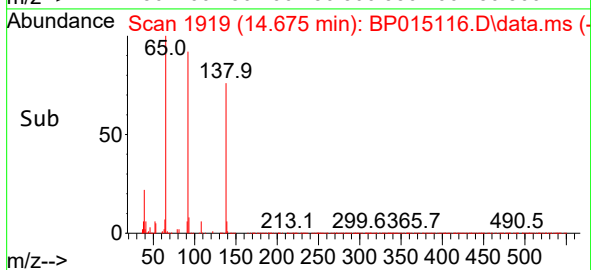
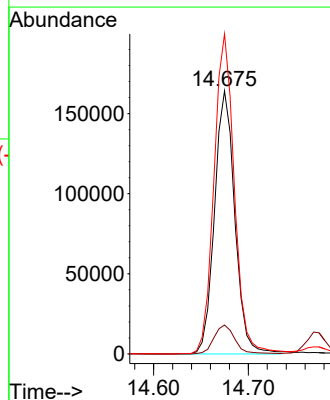
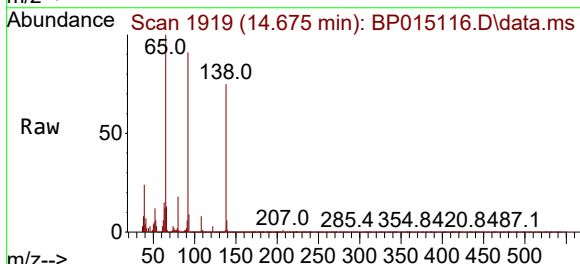
Instrument :
BNA_P
ClientSampleId :
SSTD020712

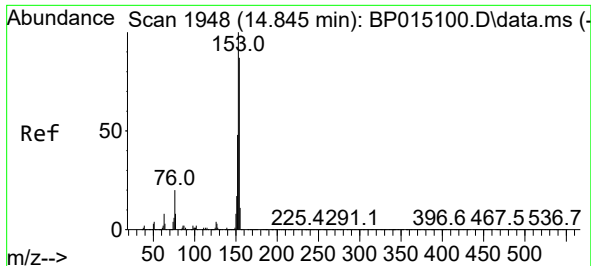
Tgt Ion:152 Resp: 2019392
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 18.249 ng/ul
RT: 14.675 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:138 Resp: 244764
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 121.6 93.4 140.0

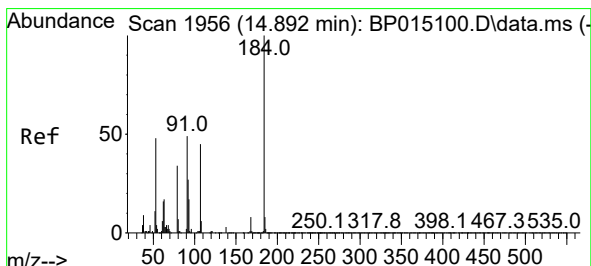
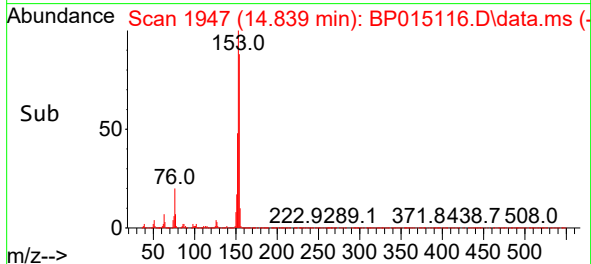
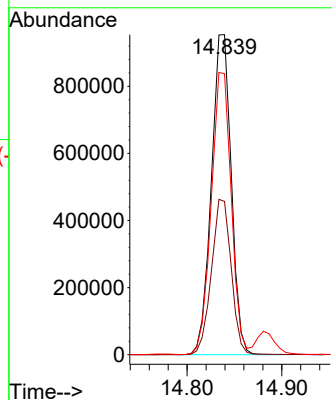
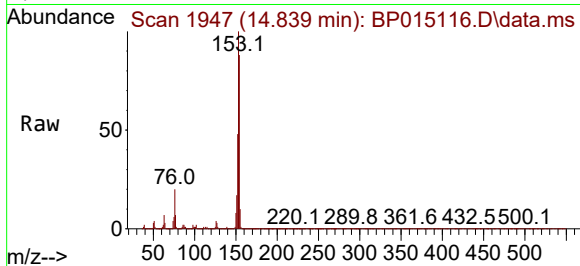




#52
Acenaphthene
Concen: 22.067 ng/ul
RT: 14.839 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

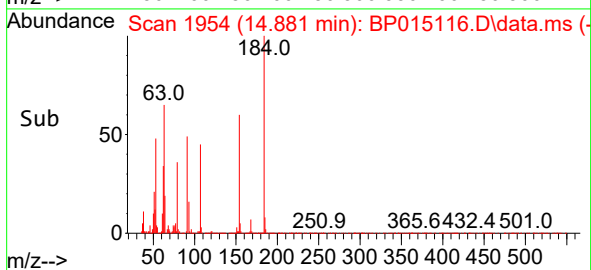
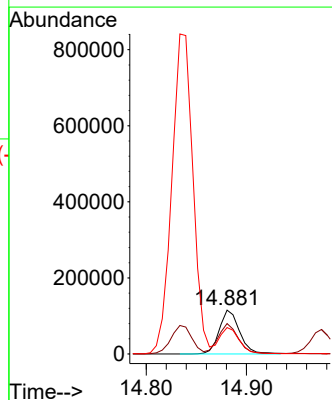
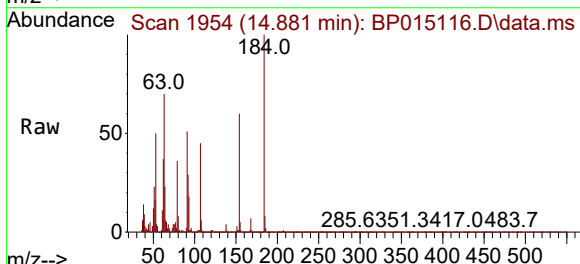
Instrument :
BNA_P
ClientSampleId :
SSTD020712

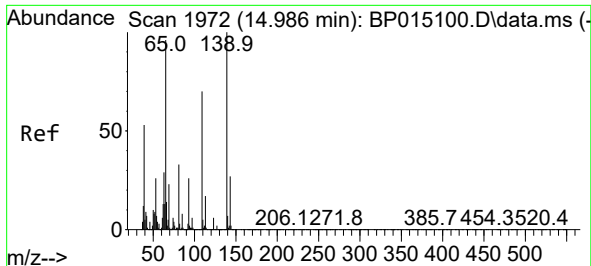
Tgt Ion:153 Resp: 1388512
Ion Ratio Lower Upper
153 100
152 47.9 38.0 57.0
154 87.8 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 16.351 ng/ul
RT: 14.881 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:184 Resp: 161708
Ion Ratio Lower Upper
184 100
63 69.5 49.7 74.5
154 60.4 47.5 71.3

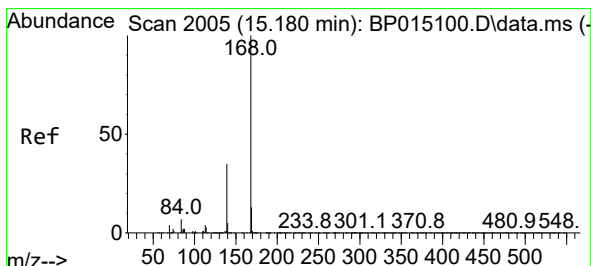
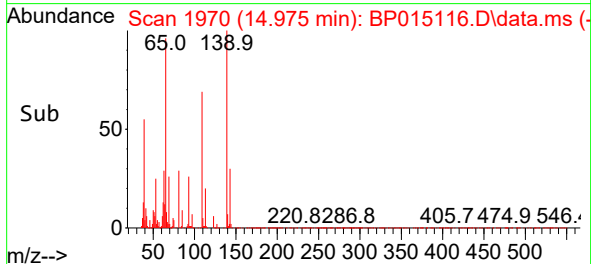
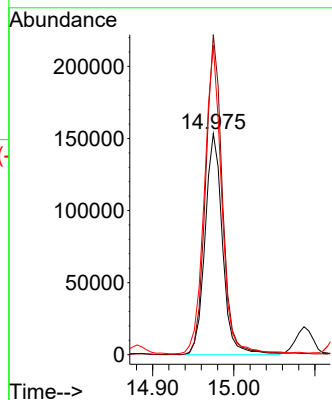
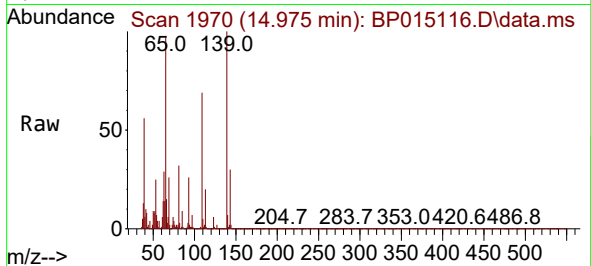




#55
4-Nitrophenol
Concen: 22.102 ng/ul
RT: 14.975 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

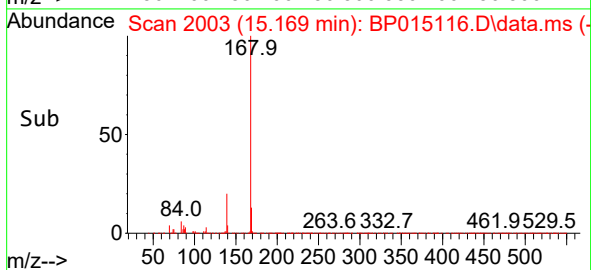
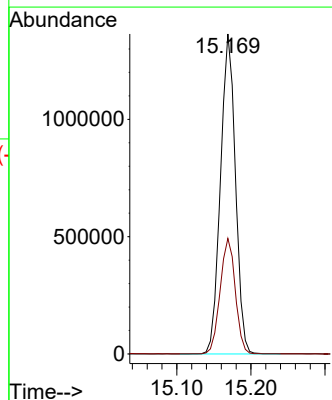
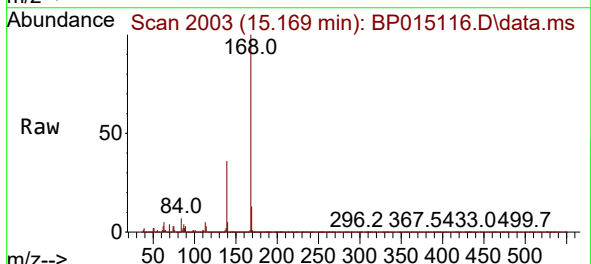
Instrument :
BNA_P
ClientSampleId :
SSTD020712

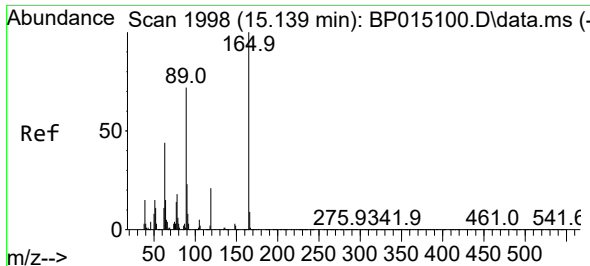
Tgt Ion:109 Resp: 227889
Ion Ratio Lower Upper
109 100
139 144.8 115.3 172.9
65 140.0 107.9 161.9



#56
Dibenzofuran
Concen: 21.862 ng/ul
RT: 15.169 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:168 Resp: 1913326
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.0

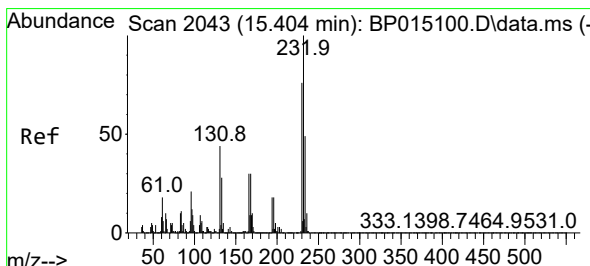
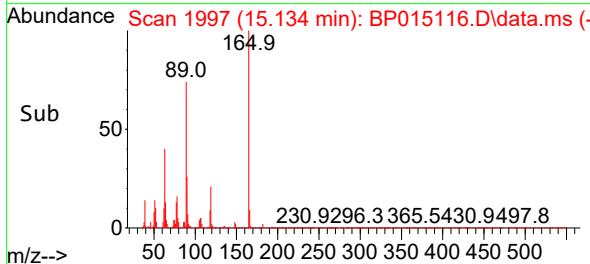
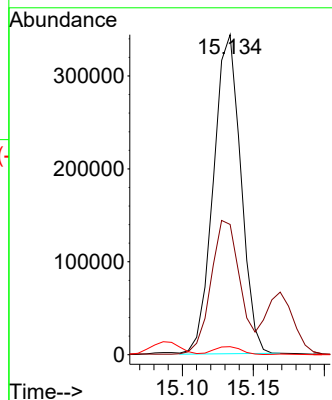
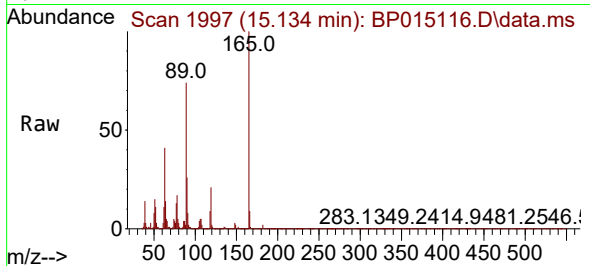




#57
2,4-Dinitrotoluene
Concen: 21.378 ng/ul
RT: 15.134 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

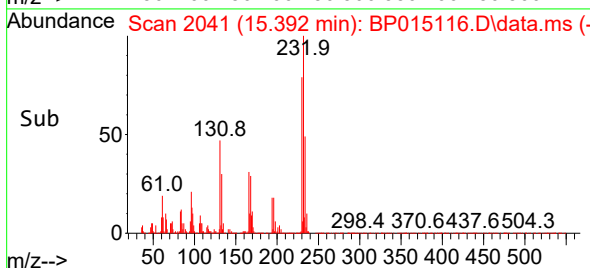
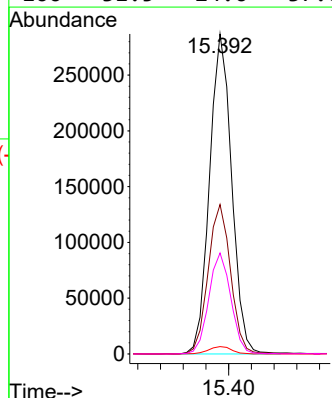
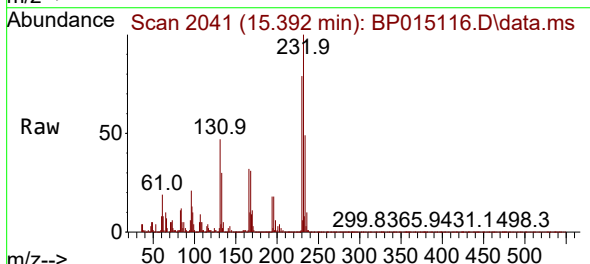
Instrument :
BNA_P
ClientSampleId :
SSTD020712

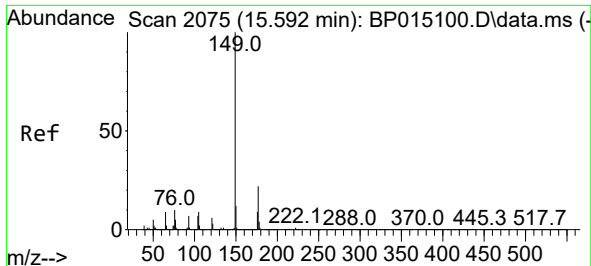
Tgt Ion:165 Resp: 460783
Ion Ratio Lower Upper
165 100
63 40.7 33.1 49.7
182 2.5 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.013 ng/ul
RT: 15.392 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:232 Resp: 387963
Ion Ratio Lower Upper
232 100
131 46.7 36.8 55.2
130 2.3 1.9 2.9
166 31.5 24.6 37.0

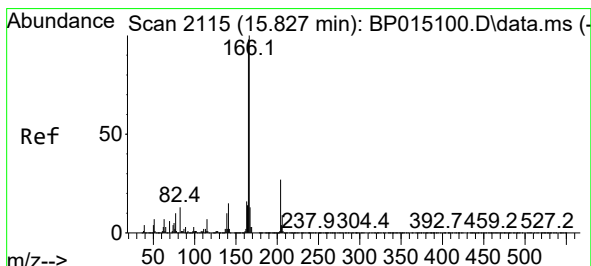
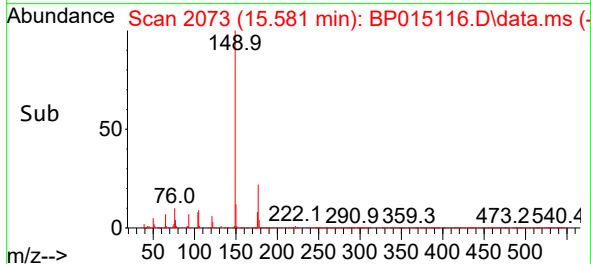
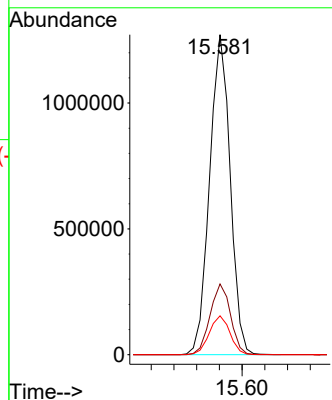
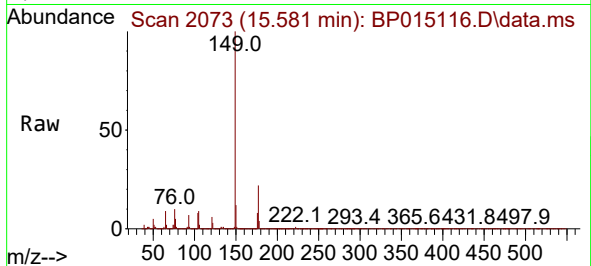




#59
Diethylphthalate
Concen: 21.297 ng/ul
RT: 15.581 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

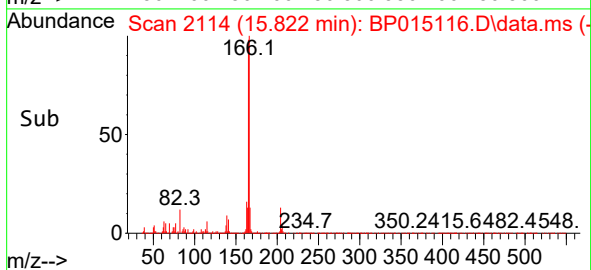
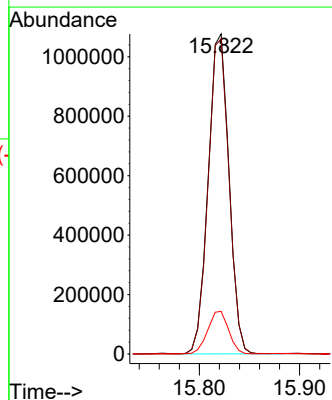
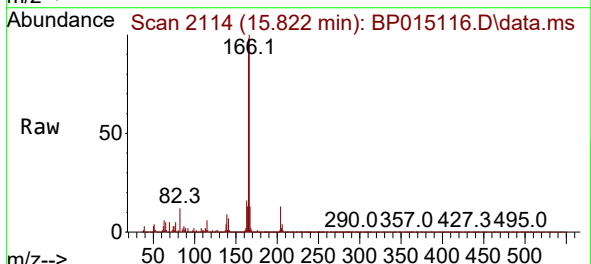
Instrument :
BNA_P
ClientSampleId :
SSTD020712

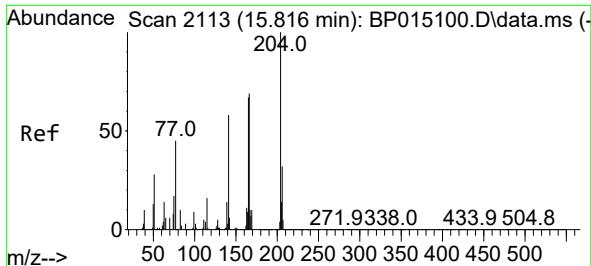
Tgt Ion:149 Resp: 1597048
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.2 9.8 14.8



#61
Fluorene
Concen: 22.096 ng/ul
RT: 15.822 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:166 Resp: 1554048
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.6
167 13.3 10.6 15.8

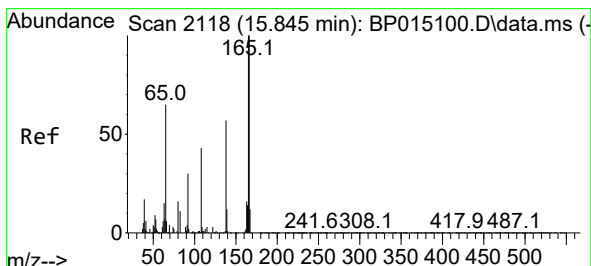
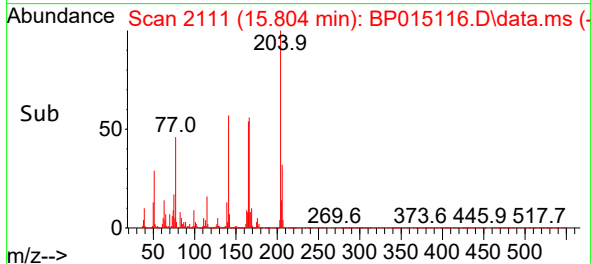
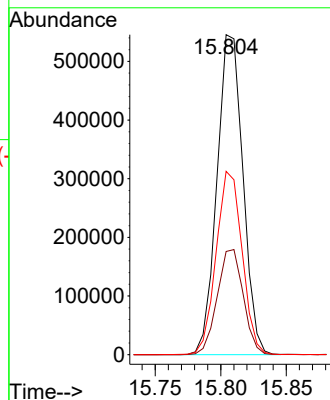
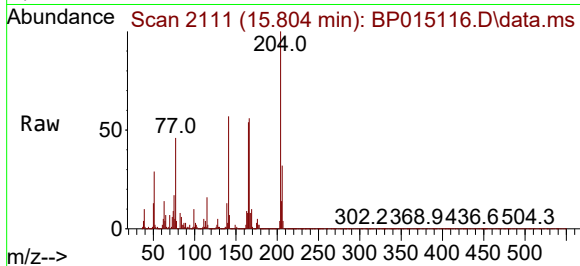




#62
4-Chlorophenyl-phenylether
Concen: 21.886 ng/ul
RT: 15.804 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

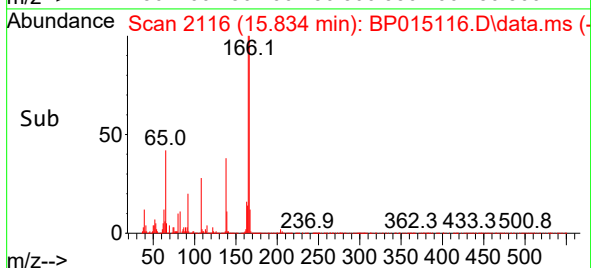
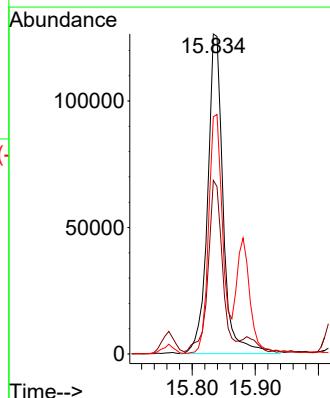
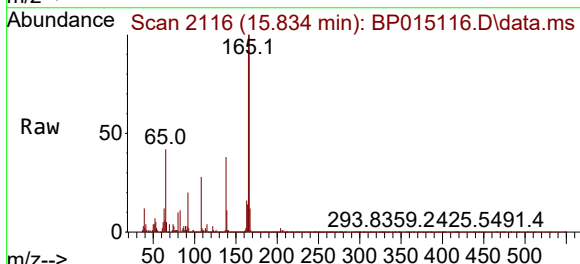
Instrument :
BNA_P
ClientSampleId :
SSTD020712

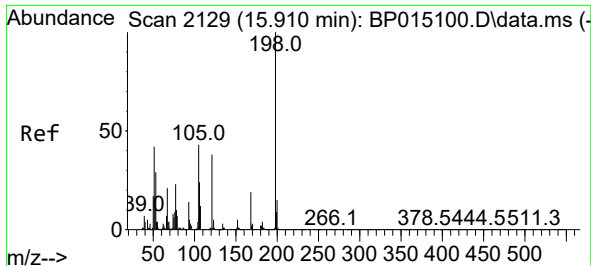
Tgt Ion:204 Resp: 752107
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 57.3 44.5 66.7



#63
4-Nitroaniline
Concen: 18.718 ng/ul
RT: 15.834 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:138 Resp: 216800
Ion Ratio Lower Upper
138 100
92 54.3 41.2 61.8
108 74.1 60.1 90.1

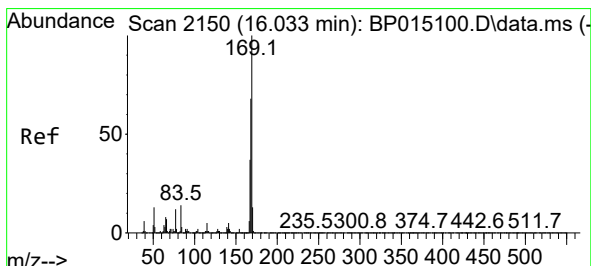
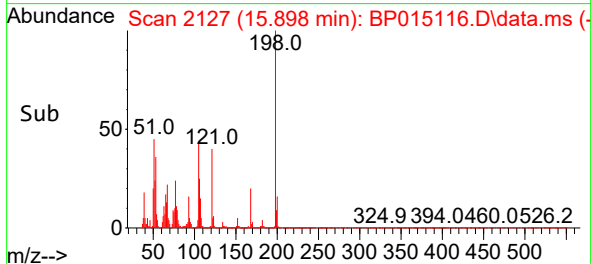
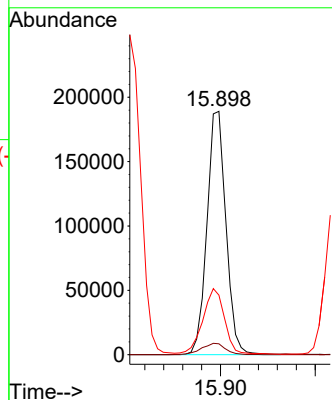
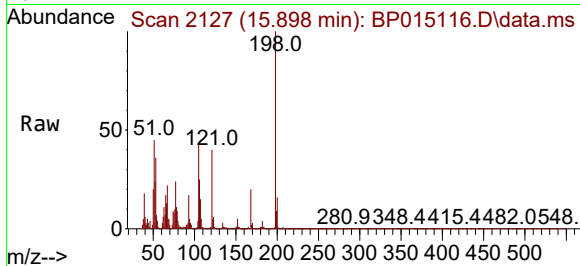




#66
4,6-Dinitro-2-methylphenol
Concen: 19.890 ng/ul
RT: 15.898 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

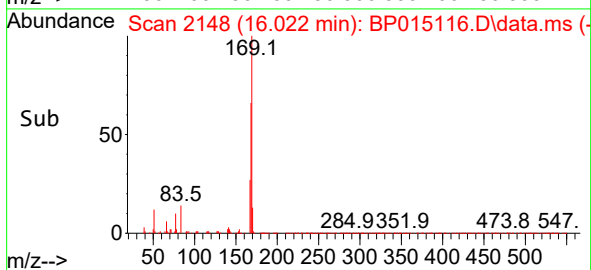
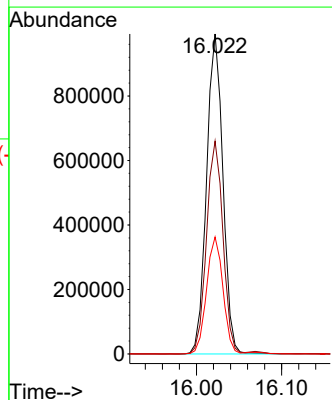
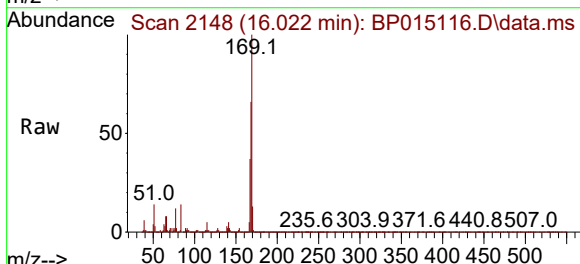
Instrument :
BNA_P
ClientSampleId :
SSTD020712

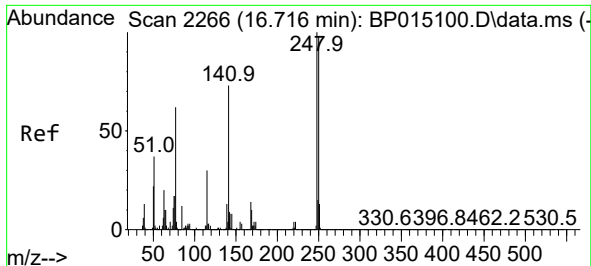
Tgt Ion:198 Resp: 263372
Ion Ratio Lower Upper
198 100
182 4.5 3.7 5.5
77 24.5 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 22.022 ng/ul
RT: 16.022 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:169 Resp: 1318281
Ion Ratio Lower Upper
169 100
168 66.5 53.5 80.3
167 36.5 28.9 43.3

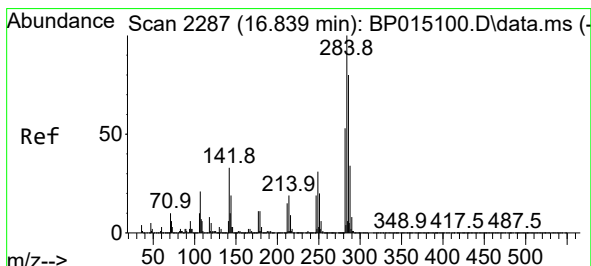
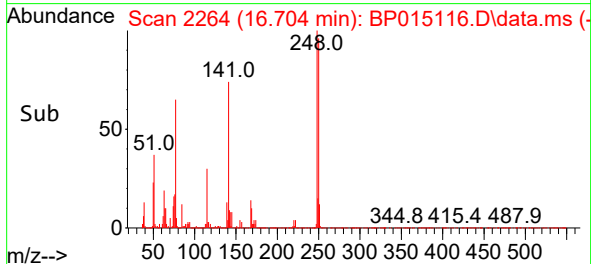
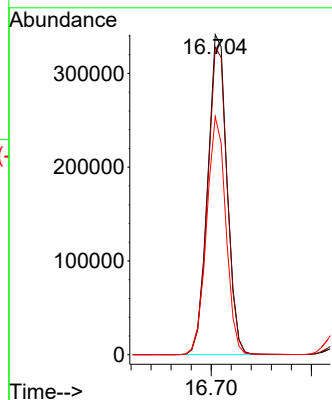
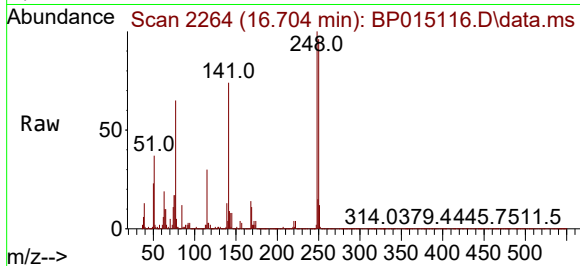




#68
4-Bromophenyl-phenylether
Concen: 21.790 ng/ul
RT: 16.704 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

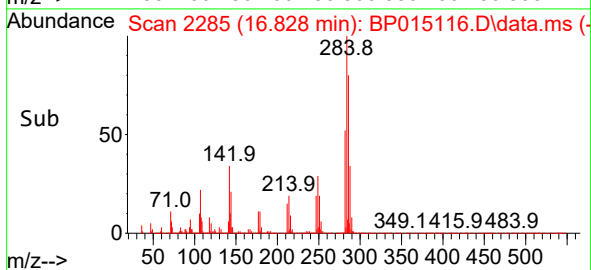
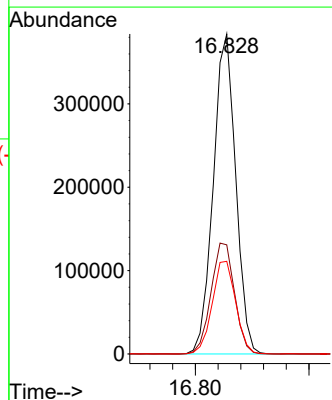
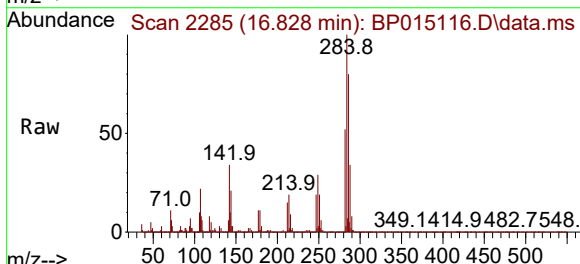
Instrument :
BNA_P
ClientSampleId :
SSTD020712

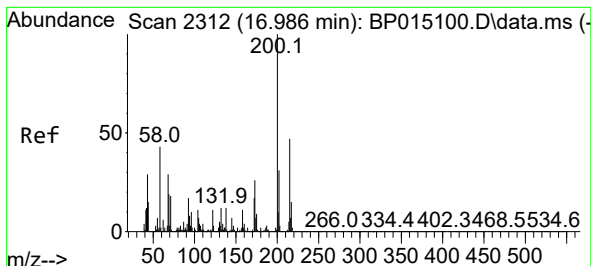
Tgt Ion:248 Resp: 456919
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.4
141 74.4 58.6 87.8



#69
Hexachlorobenzene
Concen: 21.236 ng/ul
RT: 16.828 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BP015116.D
Acq: 16 May 2023 19:42

Tgt Ion:284 Resp: 526246
Ion Ratio Lower Upper
284 100
142 34.1 27.3 40.9
249 29.0 24.6 36.8





#70

Atrazine

Concen: 21.392 ng/ul

RT: 16.975 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

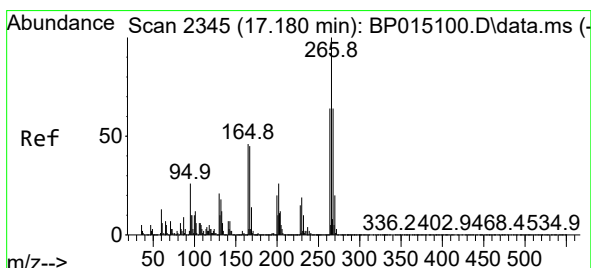
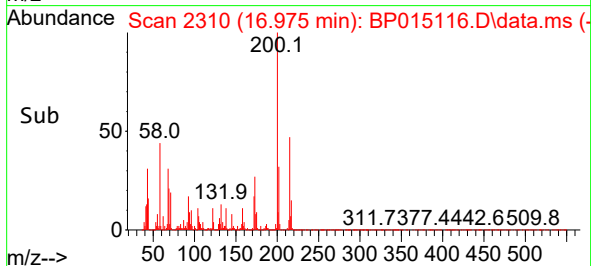
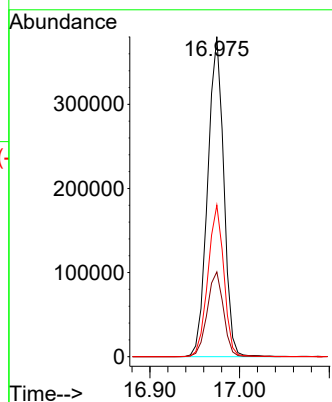
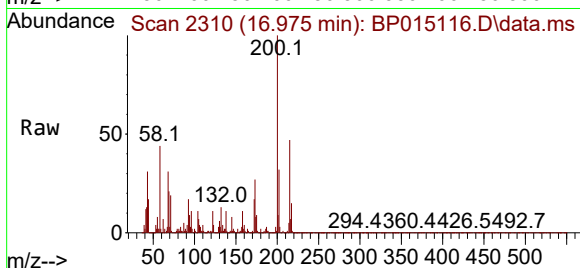
Tgt Ion:200 Resp: 473318

Ion Ratio Lower Upper

200 100

173 26.5 21.4 32.2

215 47.4 38.1 57.1



#71

Pentachlorophenol

Concen: 19.820 ng/ul

RT: 17.169 min Scan# 2343

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

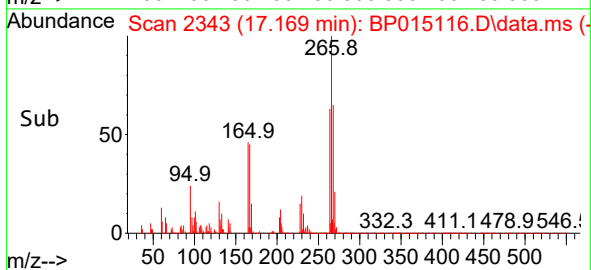
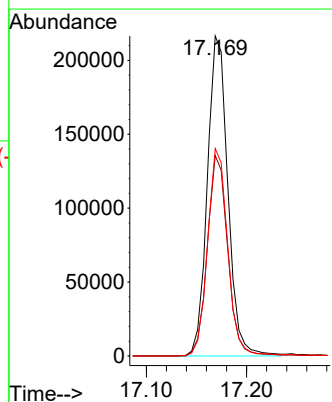
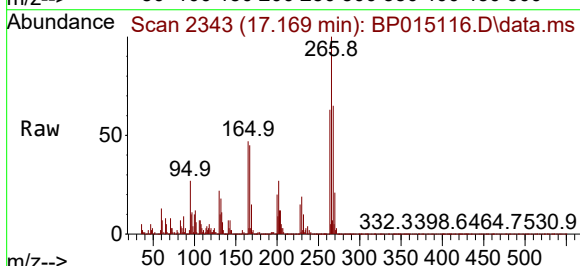
Tgt Ion:266 Resp: 307218

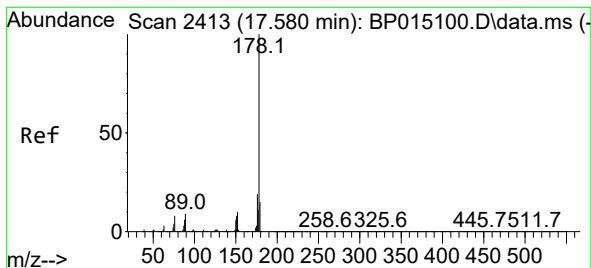
Ion Ratio Lower Upper

266 100

264 62.6 51.0 76.4

268 64.8 51.8 77.6





#72

Phenanthrene

Concen: 22.078 ng/ul

RT: 17.569 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

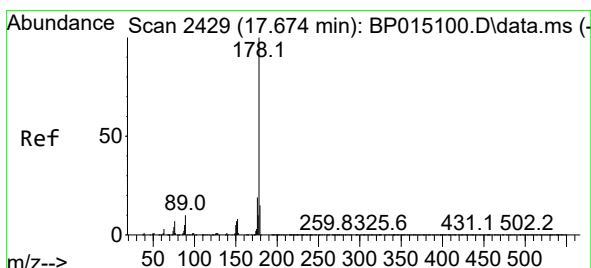
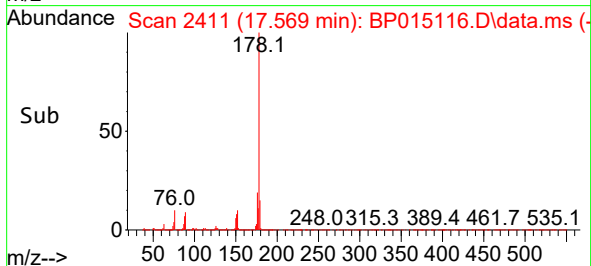
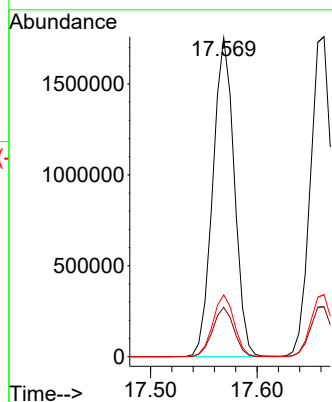
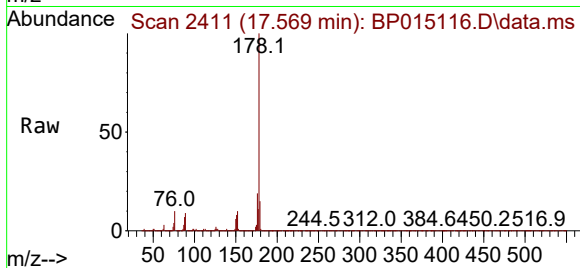
Tgt Ion:178 Resp: 2447522

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.4 15.6 23.4



#74

Anthracene

Concen: 22.038 ng/ul

RT: 17.663 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

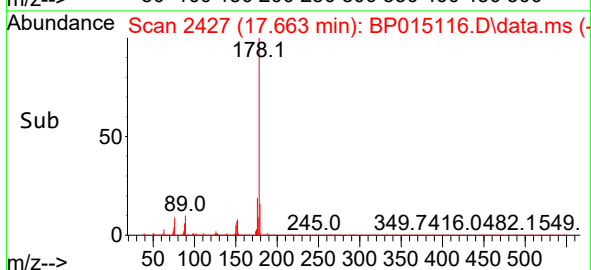
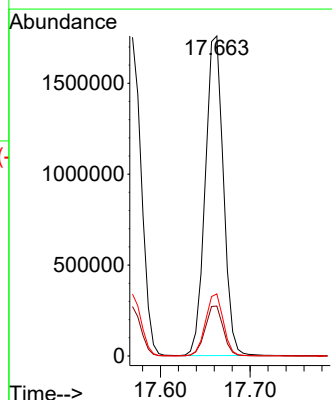
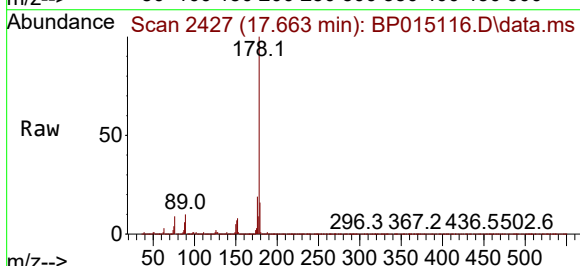
Tgt Ion:178 Resp: 2470455

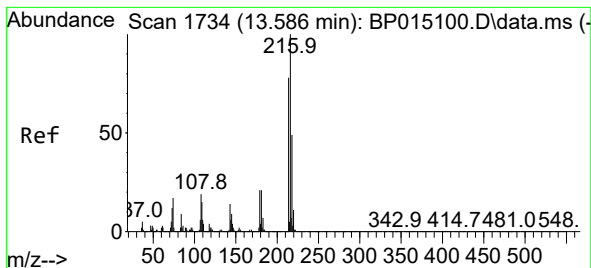
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.4 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.783 ng/uL

RT: 13.575 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

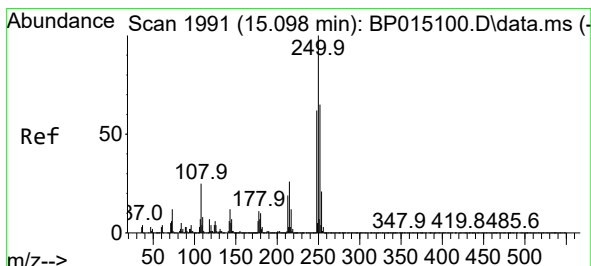
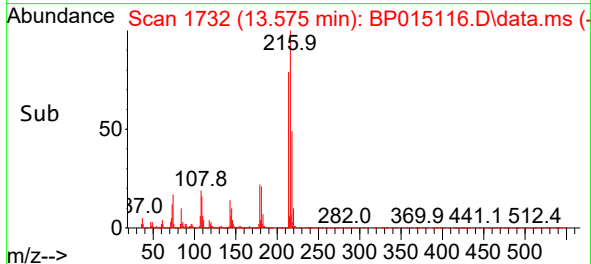
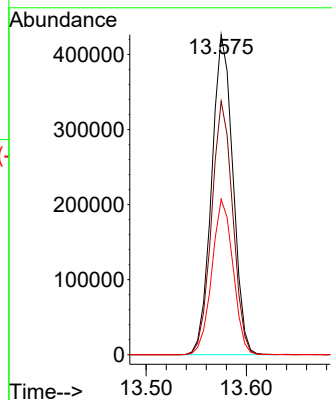
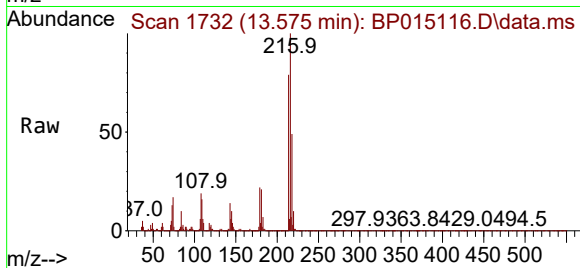
Tgt Ion:216 Resp: 628772

Ion Ratio Lower Upper

216 100

214 79.2 62.2 93.4

218 48.5 38.2 57.2



#76

Pentachlorobenzene

Concen: 21.726 ng/uL

RT: 15.087 min Scan# 1989

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

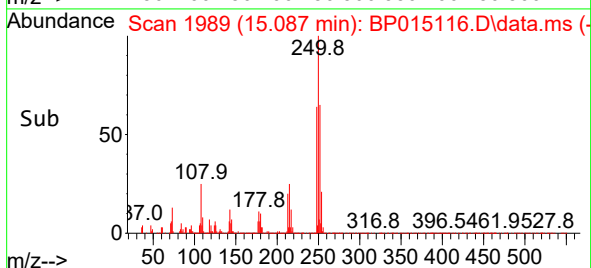
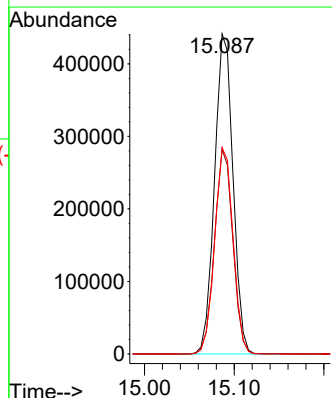
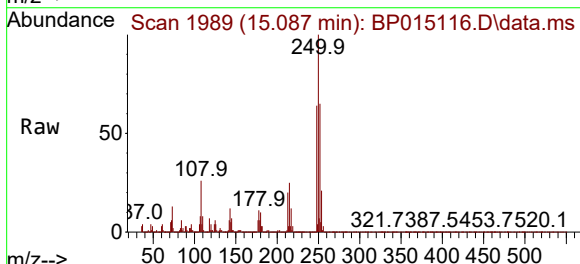
Tgt Ion:250 Resp: 629665

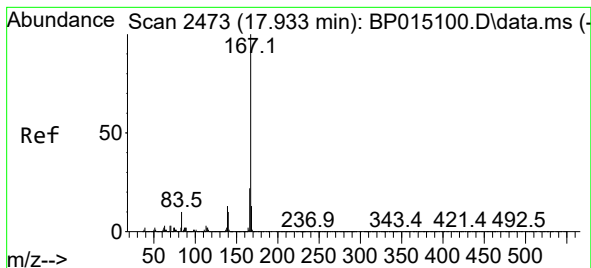
Ion Ratio Lower Upper

250 100

248 63.9 49.8 74.6

252 64.5 51.6 77.4





#77

Carbazole

Concen: 22.584 ng/ul

RT: 17.922 min Scan# 2471

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

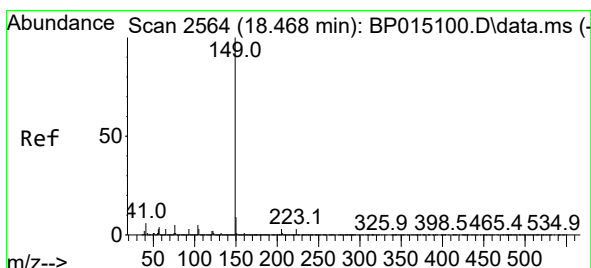
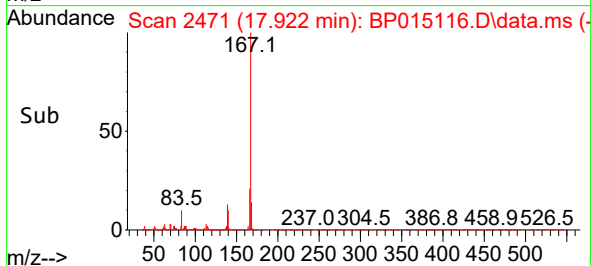
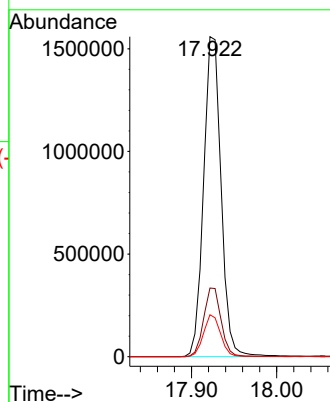
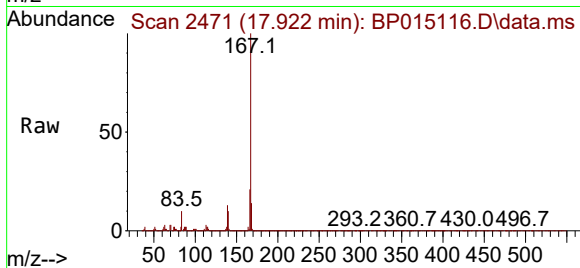
Tgt Ion:167 Resp: 2219950

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 13.1 10.2 15.4



#78

Di-n-butylphthalate

Concen: 21.281 ng/ul

RT: 18.457 min Scan# 2562

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

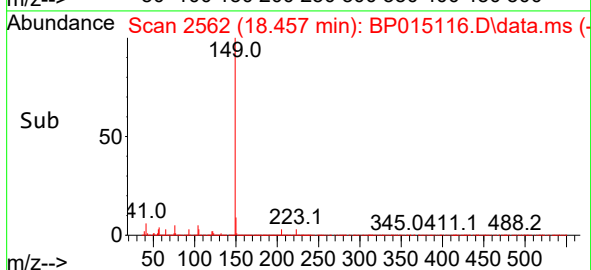
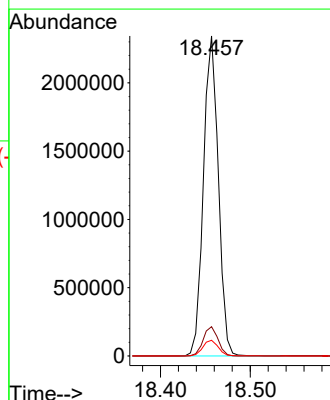
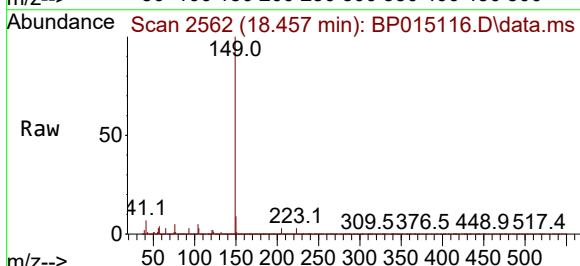
Tgt Ion:149 Resp: 2693930

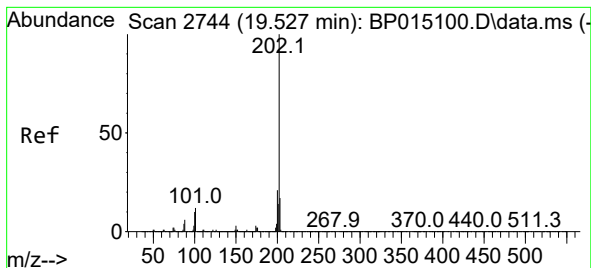
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.9 3.9 5.9





#80

Fluoranthene

Concen: 22.377 ng/ul

RT: 19.522 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

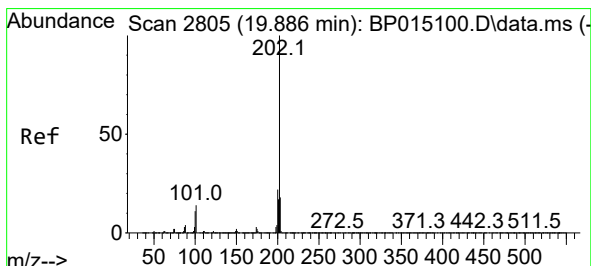
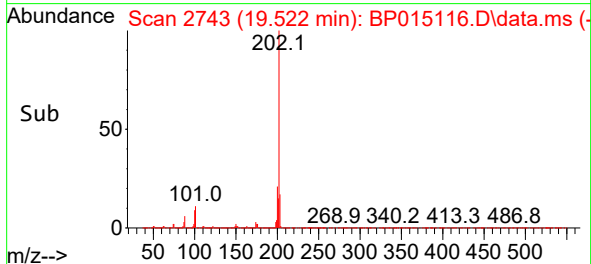
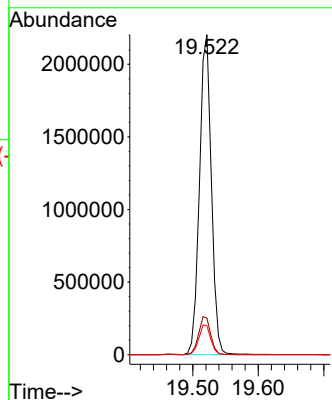
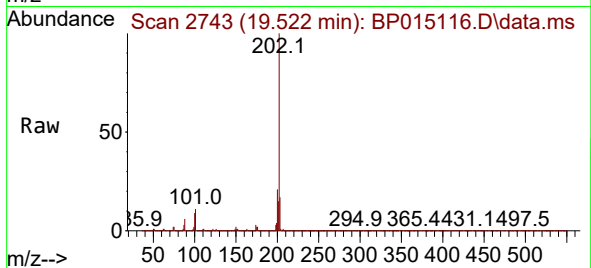
Tgt Ion:202 Resp: 2782687

Ion Ratio Lower Upper

202 100

101 11.4 9.5 14.3

100 9.0 7.3 10.9



#82

Pyrene

Concen: 22.584 ng/ul

RT: 19.875 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

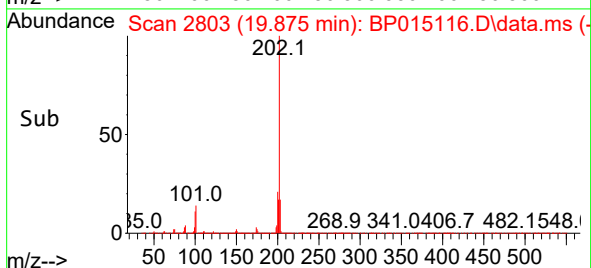
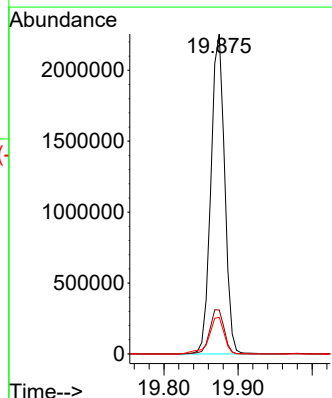
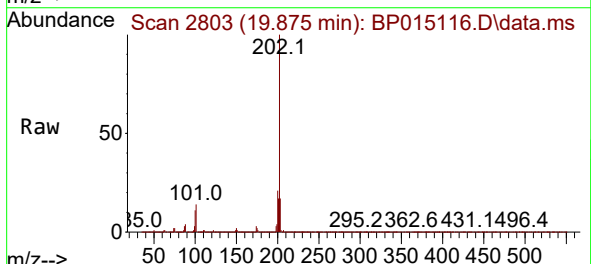
Tgt Ion:202 Resp: 2900156

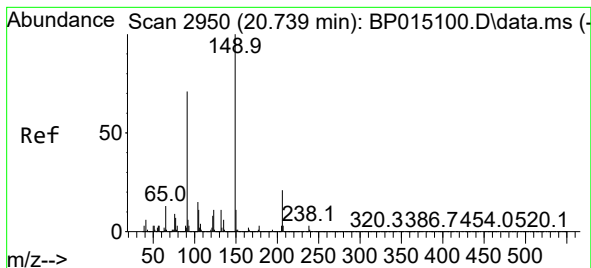
Ion Ratio Lower Upper

202 100

101 13.8 11.2 16.8

100 11.5 9.0 13.6





#83

Butylbenzylphthalate

Concen: 20.697 ng/ul

RT: 20.727 min Scan# 2948

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

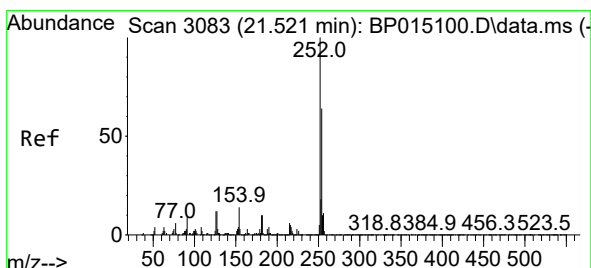
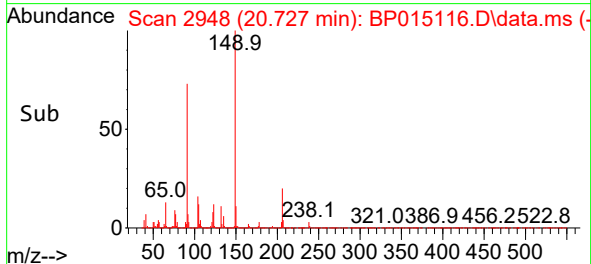
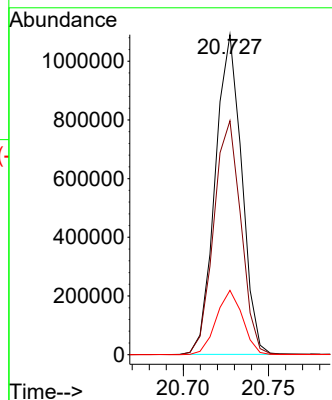
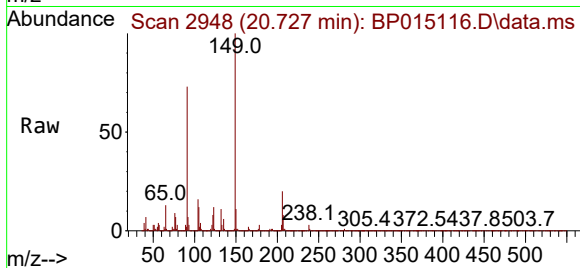
Tgt Ion:149 Resp: 1178271

Ion Ratio Lower Upper

149 100

91 73.1 57.4 86.2

206 20.1 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 20.583 ng/ul

RT: 21.510 min Scan# 3081

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

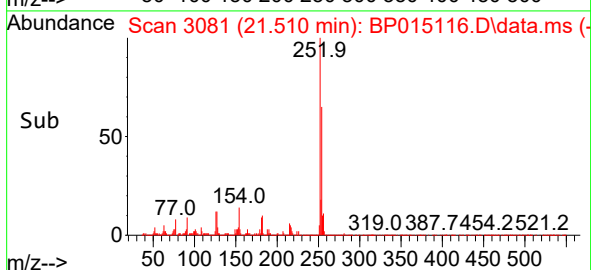
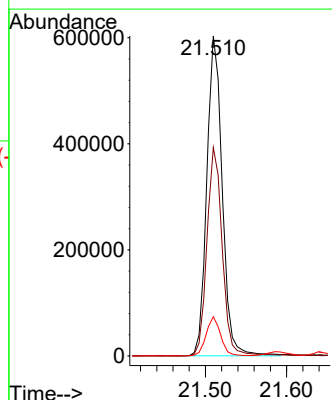
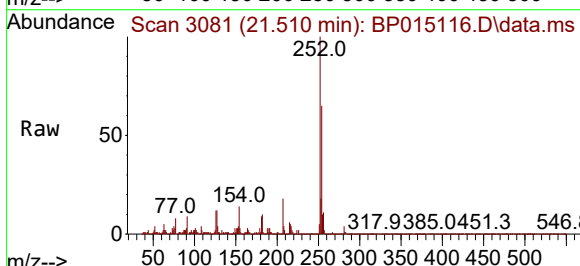
Tgt Ion:252 Resp: 795218

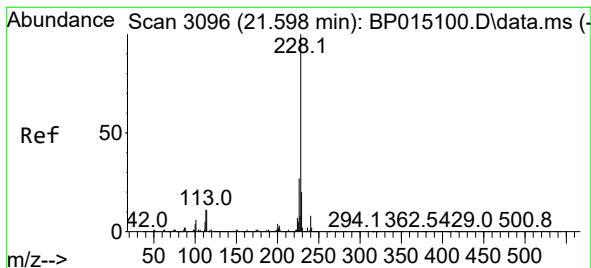
Ion Ratio Lower Upper

252 100

254 65.2 50.8 76.2

126 12.2 9.8 14.8





#85

Benzo(a)anthracene

Concen: 21.631 ng/ul

RT: 21.586 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

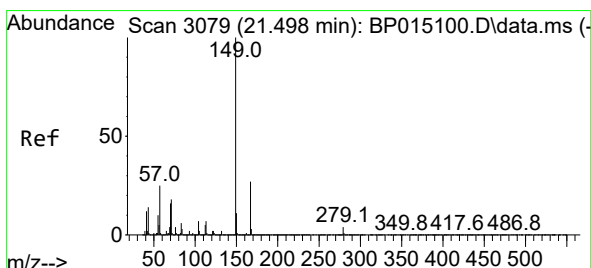
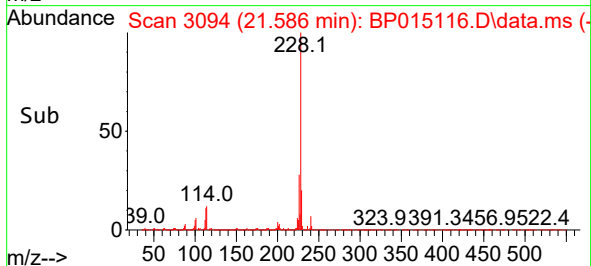
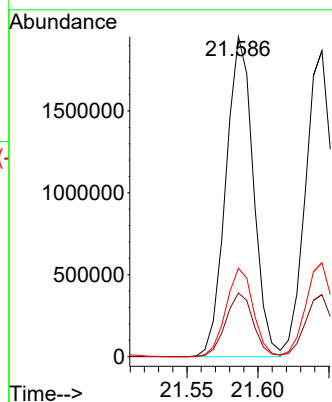
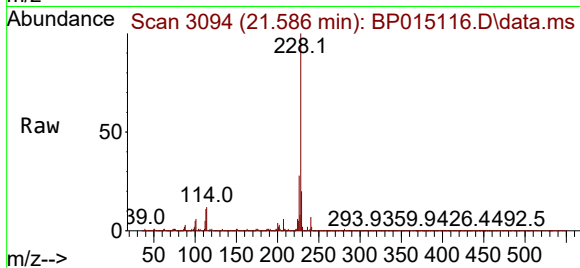
Tgt Ion:228 Resp: 2631063

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

226 27.6 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.277 ng/ul

RT: 21.486 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

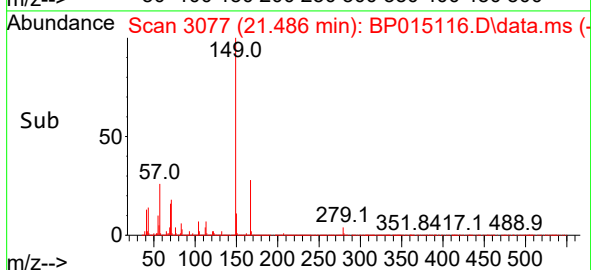
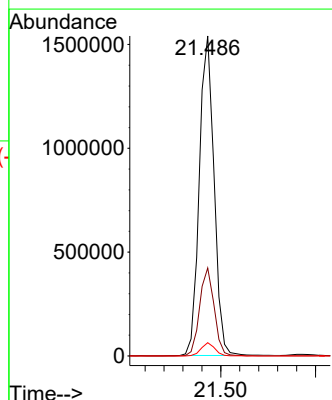
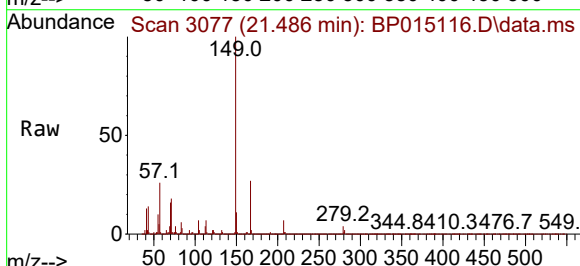
Tgt Ion:149 Resp: 1661949

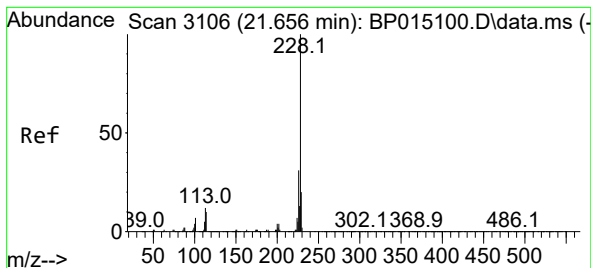
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.1 3.2 4.8





#87

Chrysene

Concen: 21.609 ng/ul

RT: 21.645 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

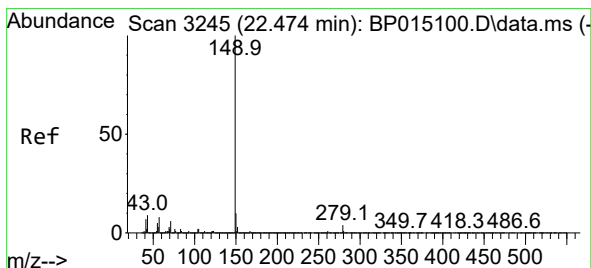
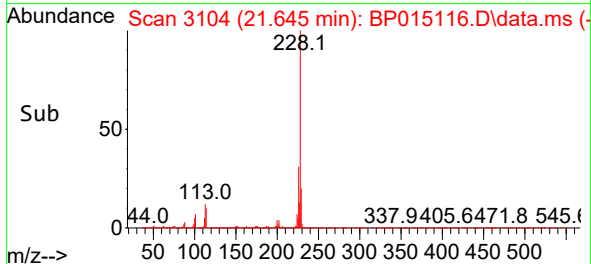
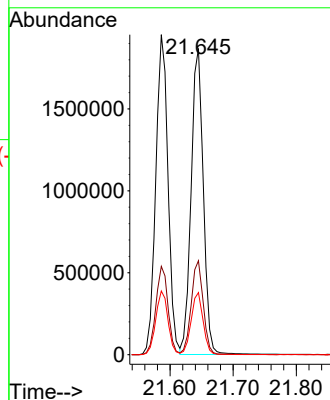
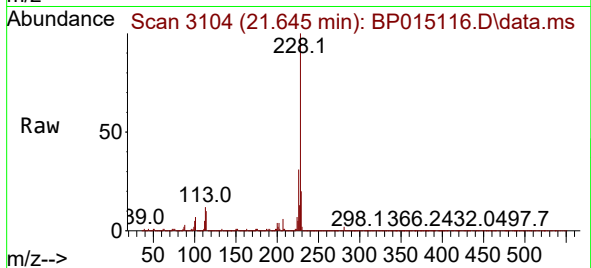
Tgt Ion:228 Resp: 2512602

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 20.3 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 23.913 ng/ul

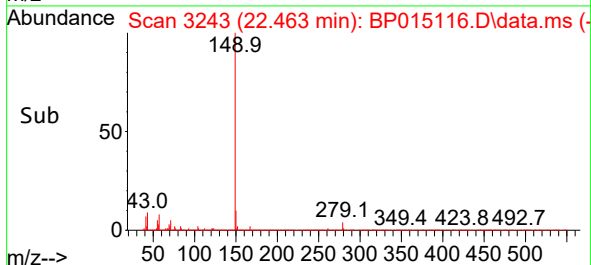
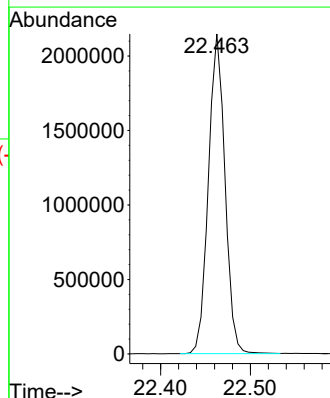
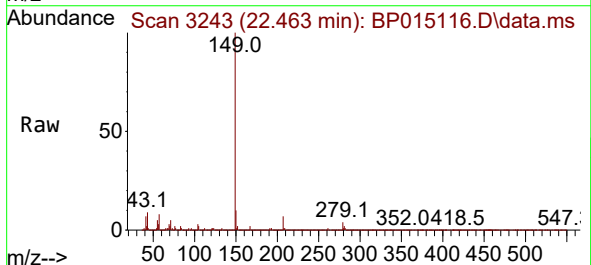
RT: 22.463 min Scan# 3243

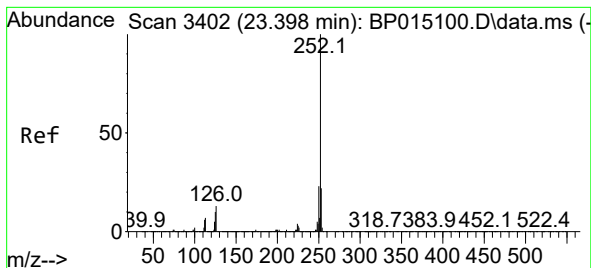
Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Tgt Ion:149 Resp: 2748818





#90

Benzo(b)fluoranthene

Concen: 22.589 ng/ul

RT: 23.380 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

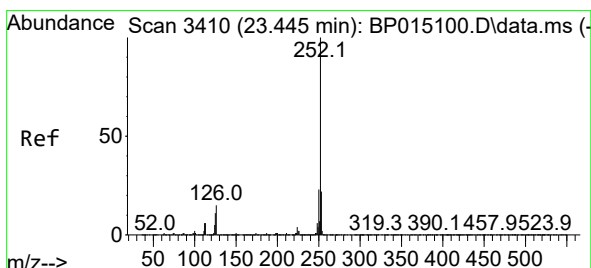
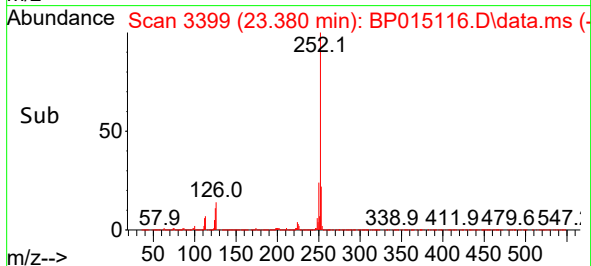
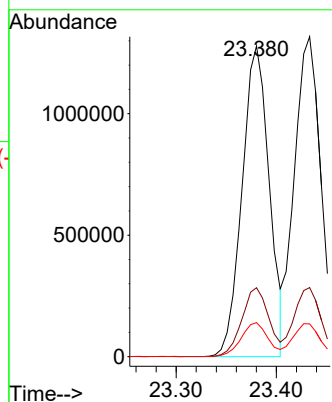
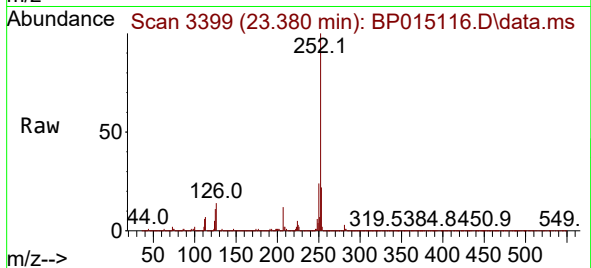
Tgt Ion:252 Resp: 2403499

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 11.0 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 23.785 ng/ul

RT: 23.433 min Scan# 3408

Delta R.T. -0.012 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

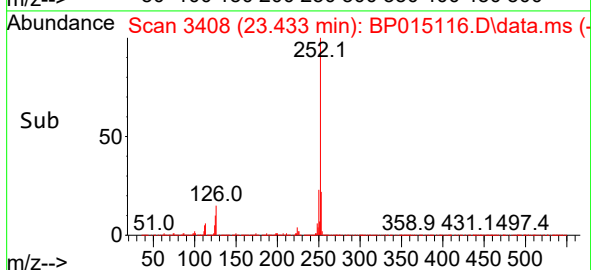
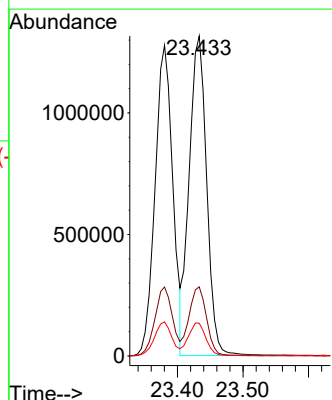
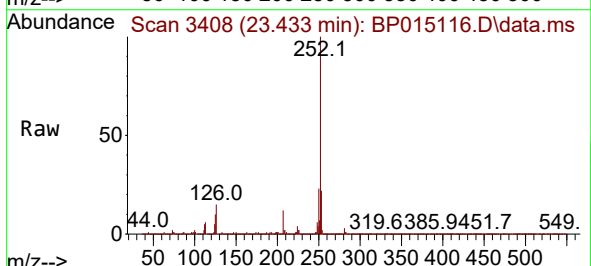
Tgt Ion:252 Resp: 2430110

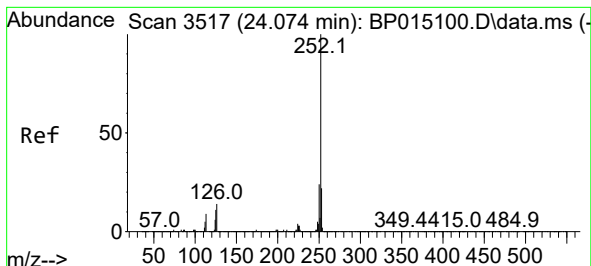
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.2 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.811 ng/ul

RT: 24.057 min Scan# 3

Delta R.T. -0.017 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

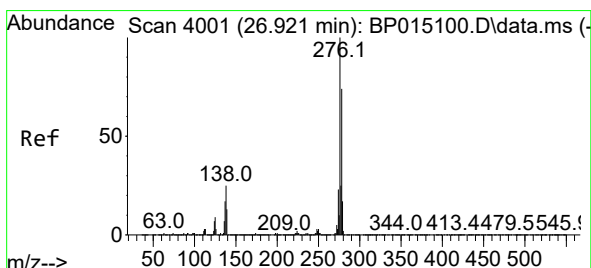
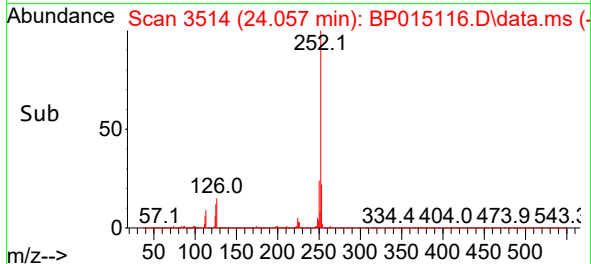
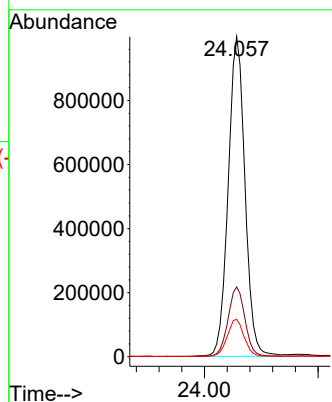
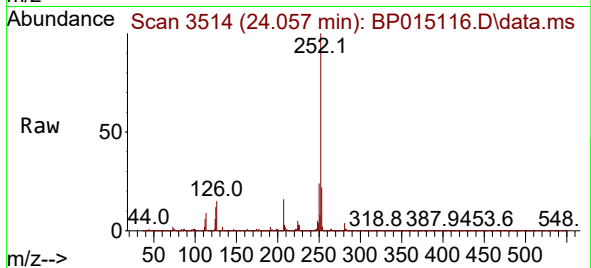
Tgt Ion:252 Resp: 2051276

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.6 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.190 ng/ul

RT: 26.892 min Scan# 3996

Delta R.T. -0.023 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

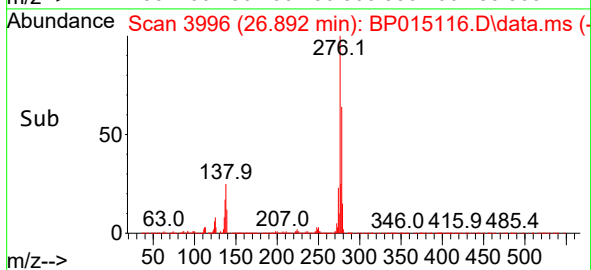
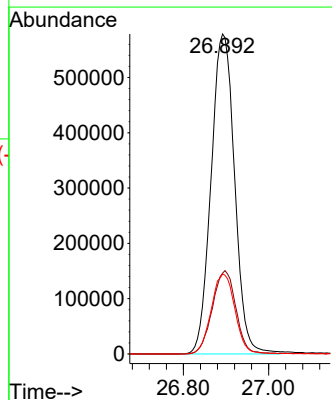
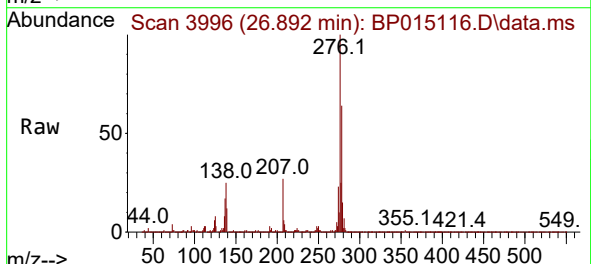
Tgt Ion:276 Resp: 2215114

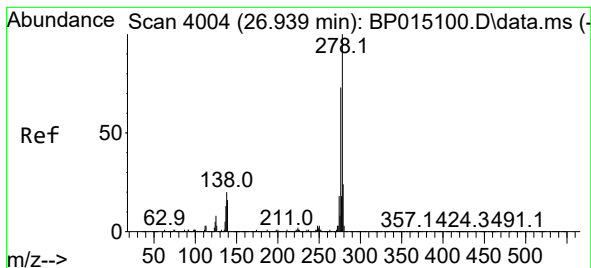
Ion Ratio Lower Upper

276 100

138 25.3 20.1 30.1

277 25.0 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 18.496 ng/ul

RT: 26.909 min Scan# 3999

Delta R.T. -0.023 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Instrument :

BNA_P

ClientSampleId :

SSTD020712

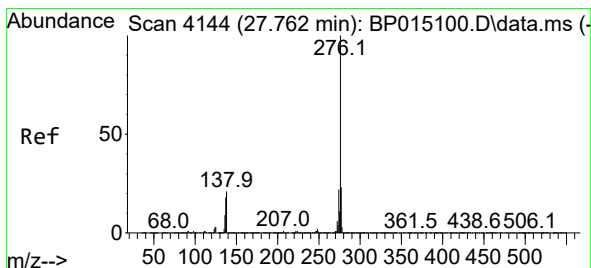
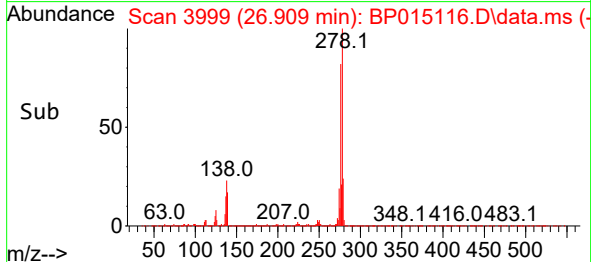
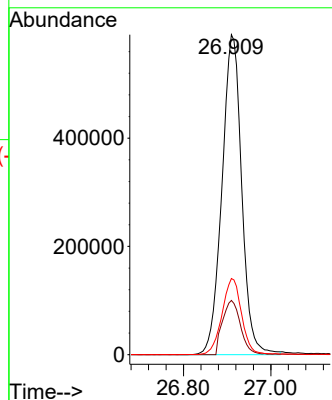
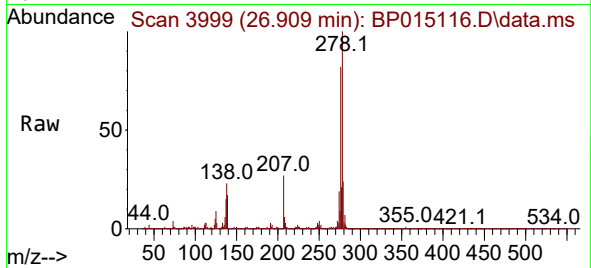
Tgt Ion:278 Resp: 1848982

Ion Ratio Lower Upper

278 100

139 17.0 13.3 19.9

279 23.8 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 17.542 ng/ul

RT: 27.733 min Scan# 4139

Delta R.T. -0.023 min

Lab File: BP015116.D

Acq: 16 May 2023 19:42

Tgt Ion:276 Resp: 1741915

Ion Ratio Lower Upper

276 100

138 22.1 17.7 26.5

277 23.4 18.8 28.2

