

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110922\
 Data File : BP012591.D
 Acq On : 09 Nov 2022 16:33
 Operator : CG/JU
 Sample : SSTD16097
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160615

Quant Time: Nov 09 22:57:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 09 22:51:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	319051	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1359494	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	826130	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1674670	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1076520	20.000	ng/u1	0.01
88) Perylene-d12	23.662	264	1084955	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	485163	61.229	ng/uL	0.00
4) Pyridine-d5	3.634	84	3306297	145.255	ng/u1	0.00
7) Phenol-d5	6.969	99	4094686	143.089	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	2306776	135.033	ng/u1	0.01
11) 2-Chlorophenol-d4	7.310	132	3173131	151.842	ng/u1	0.01
15) 4-Methylphenol-d8	8.510	113	3218023	142.183	ng/u1	0.02
21) Nitrobenzene-d5	8.951	128	1637341	185.723	ng/u1	0.02
24) 2-Nitrophenol-d4	9.663	143	1861493	203.432	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.210	165	2985344	150.542	ng/u1	0.01
31) 4-Chloroaniline-d4	10.728	131	3836183	129.921	ng/u1	0.01
46) Dimethylphthalate-d6	13.857	166	7869254	139.148	ng/u1	0.02
49) Acenaphthylene-d8	14.122	160	8464957	130.980	ng/u1	0.01
54) 4-Nitrophenol-d4	14.698	143	1503310	140.453	ng/u1	0.03
60) Fluorene-d10	15.428	176	6012150	124.168	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.581	200	1486845	170.528	ng/u1	0.02
73) Anthracene-d10	17.186	188	1674670	23.208	ng/u1	-0.09
81) Pyrene-d10	19.533	212	9384022	173.622	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.515	264	8098427	152.765	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	507041	60.191	ng/uL	97
5) Pyridine	3.658	79	3182344	142.263	ng/u1	98
6) Benzaldehyde	6.916	77	1410178	104.486	ng/u1	99
8) Phenol	6.999	94	4055145	136.287	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.210	93	3191453	133.645	ng/u1	99
12) 2-Chlorophenol	7.340	128	3268311	143.669	ng/u1	99
13) 2-Methylphenol	8.234	108	3114686	136.121	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	4025010	125.683	ng/u1	97
16) Acetophenone	8.616	105	3999452	113.775	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.634	70	2017182	119.197	ng/u1	97
18) 4-Methylphenol	8.593	108	3096477	123.813	ng/u1	100
19) Hexachloroethane	8.834	117	1306636	149.342	ng/u1	96
22) Nitrobenzene	8.993	77	3594417	156.268	ng/u1	97
23) Isophorone	9.540	82	6825103	141.795	ng/u1	98
25) 2-Nitrophenol	9.698	139	1918719	174.875	ng/u1	96
26) 2,4-Dimethylphenol	9.769	107	3456048	143.452	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.998	93	4069777	132.128	ng/u1	99
29) 2,4-Dichlorophenol	10.240	162	2903130	141.022	ng/u1	98
30) Naphthalene	10.622	128	9056954	125.702	ng/u1	99
32) 4-Chloroaniline	10.757	127	3730962	122.801	ng/u1	98
33) Hexachlorobutadiene	10.887	225	2086409	162.904	ng/u1	99
34) Caprolactam	11.634	113	652989	93.220	ng/u1	91
35) 4-Chloro-3-methylphenol	11.910	107	3269984	144.561	ng/u1	99
36) 2-Methylnaphthalene	12.240	142	6006453	121.597	ng/u1	99

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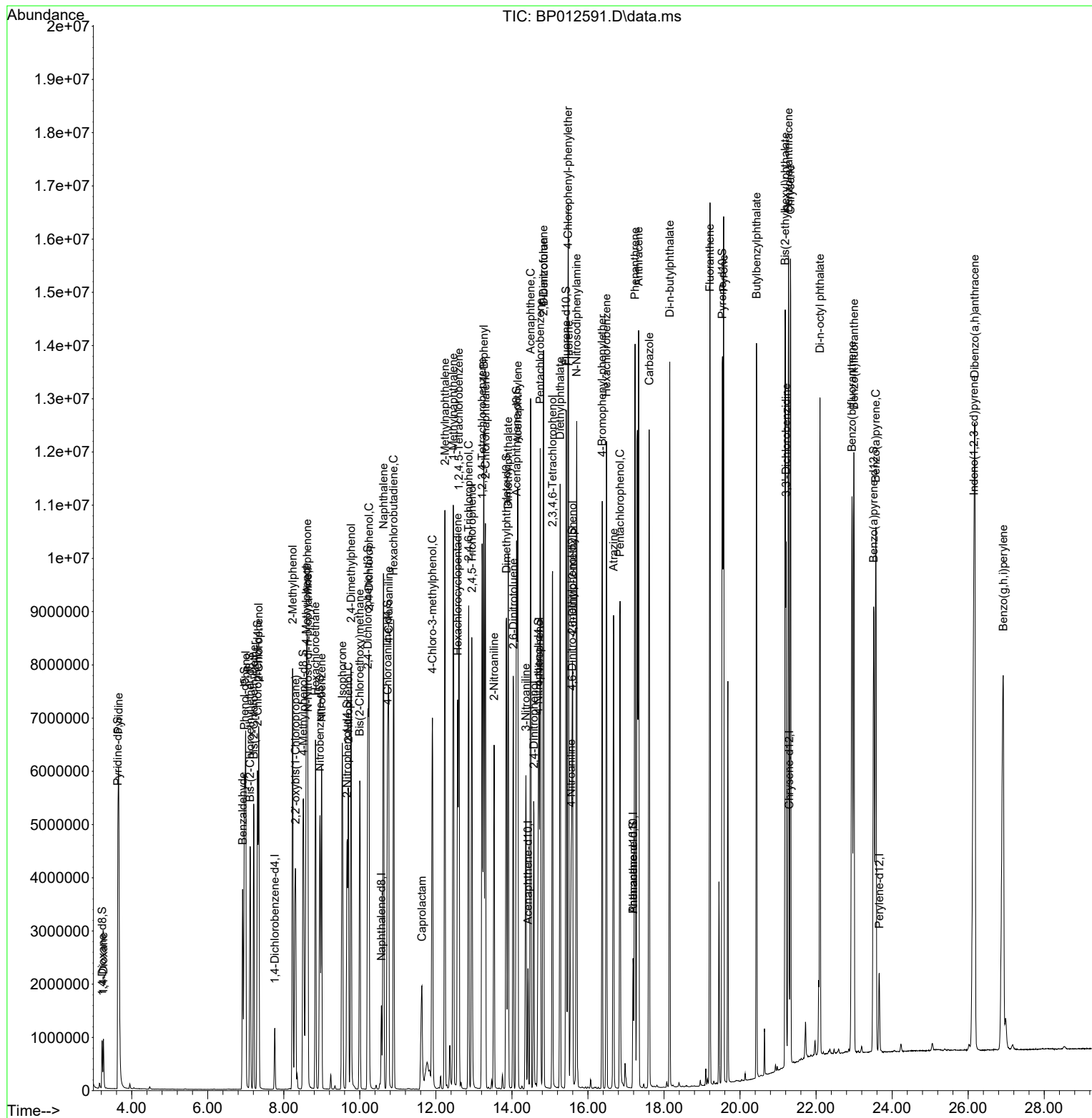
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	5879154	119.178	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	3559472	146.686	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	2334427	207.937	ng/ul	98
41) 2,4,6-Trichlorophenol	12.863	196	2462575	158.764	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	2680245	158.430	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	7312389	120.376	ng/ul#	97
44) 2-Chloronaphthalene	13.304	162	6122545	128.261	ng/ul	99
45) 2-Nitroaniline	13.534	65	2084686	188.426	ng/ul	98
47) Dimethylphthalate	13.904	163	7707513	129.355	ng/ul	98
48) 2,6-Dinitrotoluene	14.039	165	1874536	189.472	ng/ul	93
50) Acenaphthylene	14.151	152	8455443	116.662	ng/ul	98
51) 3-Nitroaniline	14.369	138	1814029	149.747	ng/ul	99
52) Acenaphthene	14.492	153	6007972	117.954	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	1353082	202.520	ng/ul	96
55) 4-Nitrophenol	14.716	109	1294903	159.891	ng/ul	81
56) Dibenzofuran	14.834	168	7490435	107.719	ng/ul	95
57) 2,4-Dinitrotoluene	14.828	165	2119474	142.232	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	2248876	156.618	ng/ul	98
59) Diethylphthalate	15.269	149	7502378	129.402	ng/ul	97
61) Fluorene	15.492	166	5705176	103.259	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	3203291	118.199	ng/ul	98
63) 4-Nitroaniline	15.557	138	1342969	122.708	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.598	198	1497187	161.164	ng/ul#	95
67) N-Nitrosodiphenylamine	15.704	169	5789908	122.754	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	2594173	154.220	ng/ul	98
69) Hexachlorobenzene	16.486	284	3143882	155.832	ng/ul	94
70) Atrazine	16.675	200	2331481	142.692	ng/ul	99
71) Pentachlorophenol	16.845	266	1996289	161.117	ng/ul	100
72) Phenanthrene	17.239	178	10456303	118.188	ng/ul	98
74) Anthracene	17.333	178	9800790	111.511	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.216	216	3657725	152.684	ng/ul	98
76) Pentachlorobenzene	14.745	250	3672251	145.164	ng/ul	100
77) Carbazole	17.610	167	9333039	119.226	ng/ul	97
78) Di-n-butylphthalate	18.151	149	11467801	126.100	ng/ul	98
80) Fluoranthene	19.210	202	11243114	168.482	ng/ul#	91
82) Pyrene	19.569	202	10545581	152.571	ng/ul#	88
83) Butylbenzylphthalate	20.433	149	4954826	192.276	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.210	252	3068942	131.237	ng/ul	98
85) Benzo(a)anthracene	21.274	228	9731550	141.696	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.186	149	6339637	160.890	ng/ul#	96
87) Chrysene	21.327	228	8721579	135.840	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	10315279	159.397	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	10072755	146.615	ng/ul#	98
91) Benzo(k)fluoranthene	22.998	252	9035599	138.001	ng/ul#	98
93) Benzo(a)pyrene	23.574	252	8536219	142.281	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.151	276	11881656	158.931	ng/ul	94
95) Dibenzo(a,h)anthracene	26.174	278	10203664	152.430	ng/ul#	95
96) Benzo(g,h,i)perylene	26.921	276	11252913	170.276	ng/ul	96

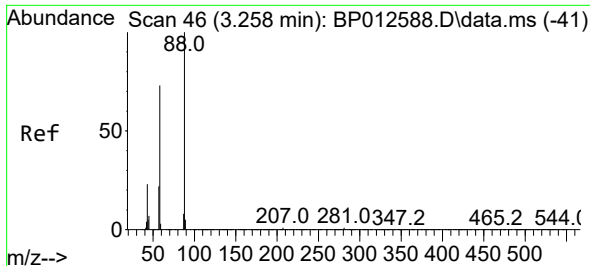
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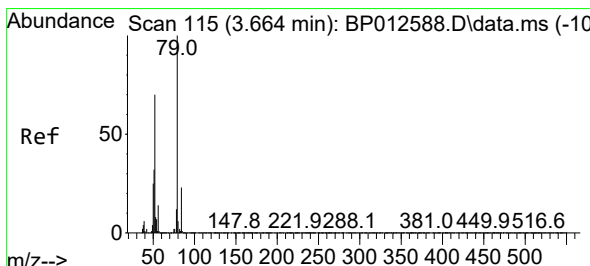
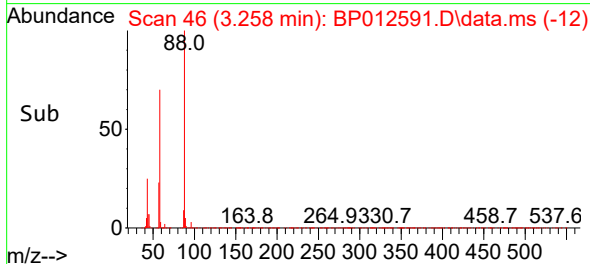
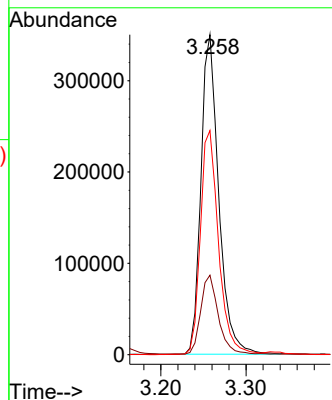
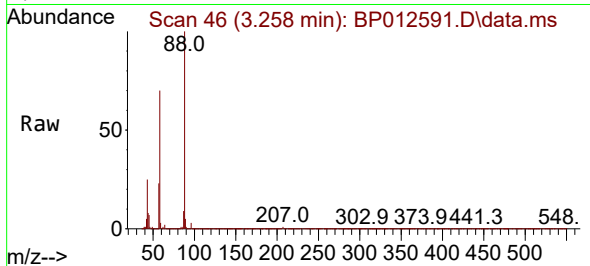




#2
1,4-Dioxane
Concen: 60.191 ng/uL
RT: 3.258 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

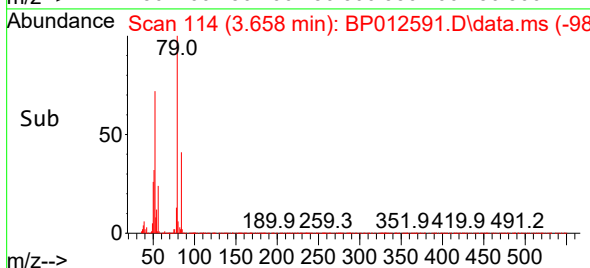
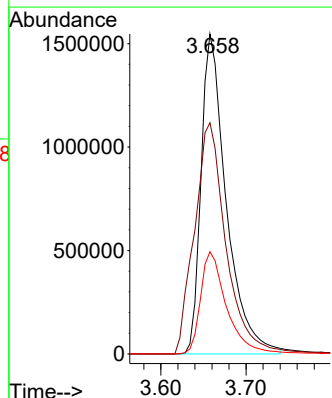
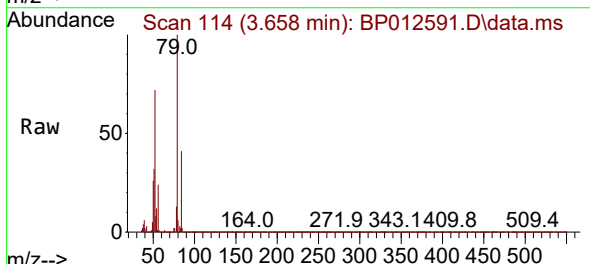
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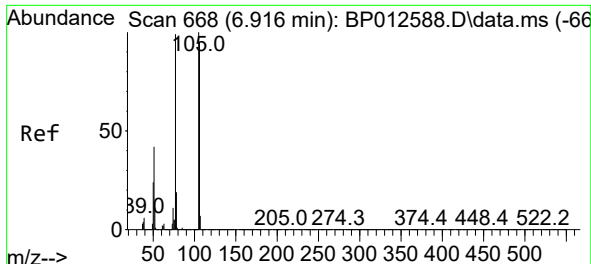
Tgt Ion: 88 Resp: 507041
Ion Ratio Lower Upper
88 100
43 24.9 18.9 28.3
58 70.1 57.8 86.8



#5
Pyridine
Concen: 142.263 ng/uL
RT: 3.658 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion: 79 Resp: 3182344
Ion Ratio Lower Upper
79 100
52 72.2 55.8 83.6
51 32.0 25.8 38.8

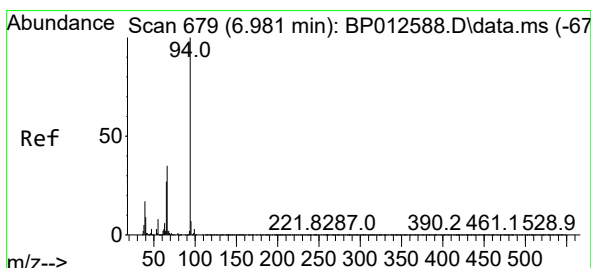
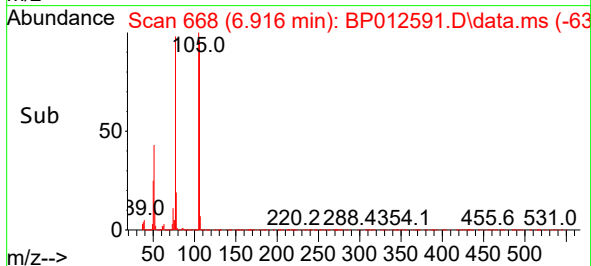
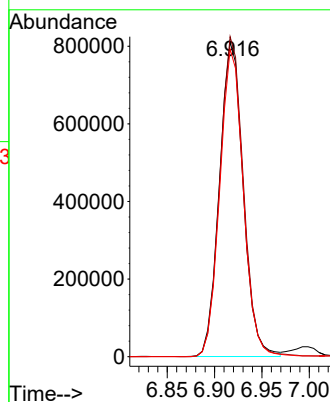
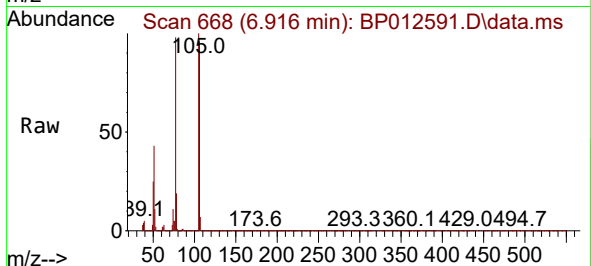




#6
Benzaldehyde
Concen: 104.486 ng/ul
RT: 6.916 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

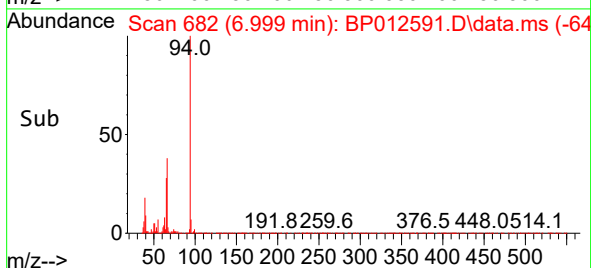
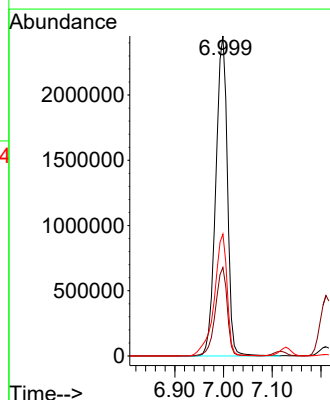
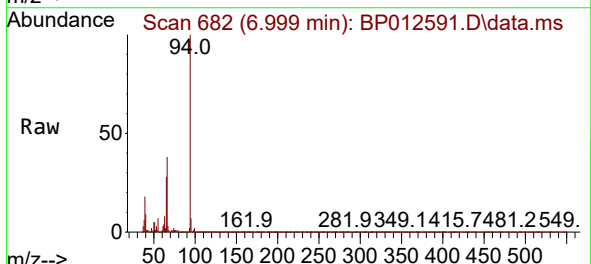
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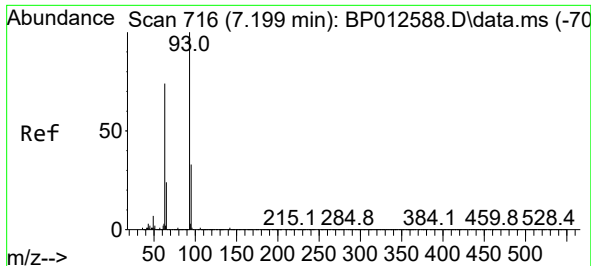
Tgt Ion: 77 Resp: 1410178
Ion Ratio Lower Upper
77 100
105 101.8 80.7 121.1
106 97.8 76.7 115.1



#8
Phenol
Concen: 136.287 ng/ul
RT: 6.999 min Scan# 682
Delta R.T. 0.017 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion: 94 Resp: 4055145
Ion Ratio Lower Upper
94 100
65 27.6 21.4 32.2
66 38.1 28.2 42.2

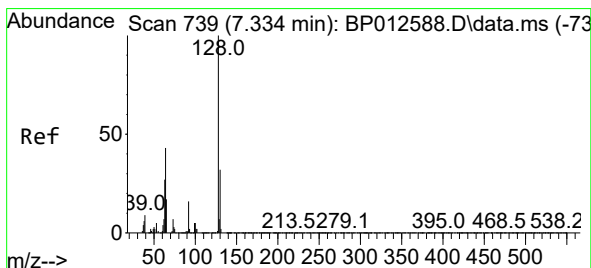
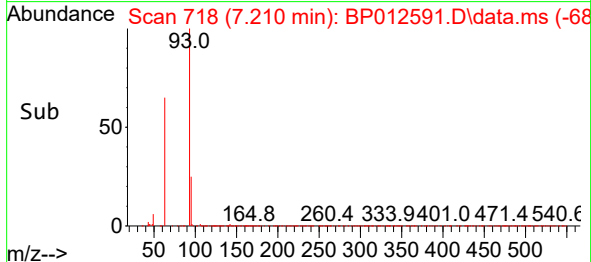
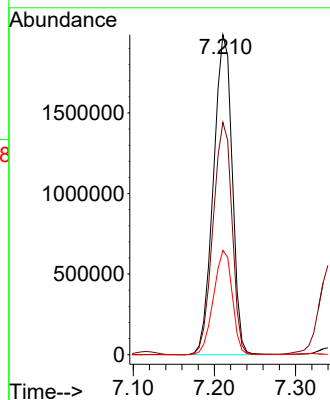
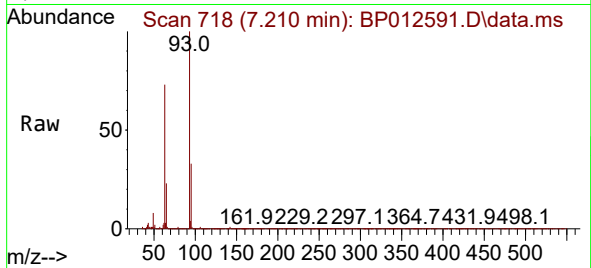




#10
Bis(2-Chloroethyl)ether
Concen: 133.645 ng/ul
RT: 7.210 min Scan# 716
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

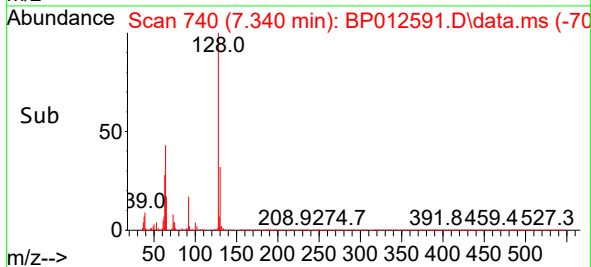
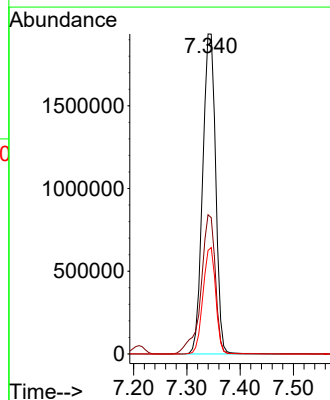
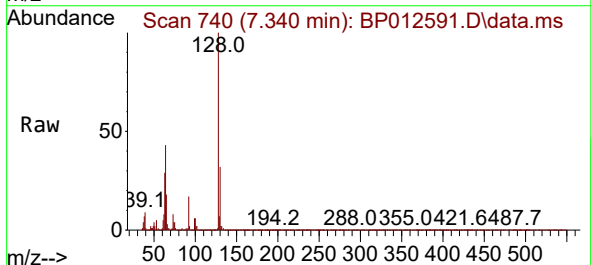
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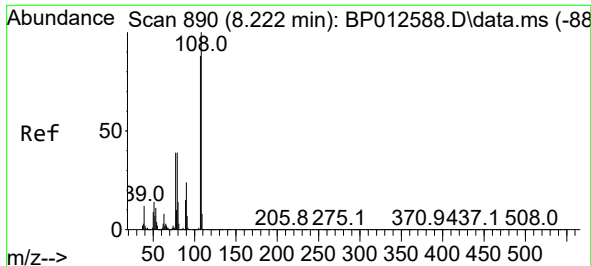
Tgt Ion: 93 Resp: 3191453
Ion Ratio Lower Upper
93 100
63 72.6 59.1 88.7
95 32.6 26.5 39.7



#12
2-Chlorophenol
Concen: 143.669 ng/ul
RT: 7.340 min Scan# 740
Delta R.T. 0.006 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:128 Resp: 3268311
Ion Ratio Lower Upper
128 100
64 43.5 35.3 52.9
130 32.4 25.8 38.6





#13

2-Methylphenol

Concen: 136.121 ng/ul

RT: 8.234 min Scan# 891

Delta R.T. 0.012 min

Lab File: BP012591.D

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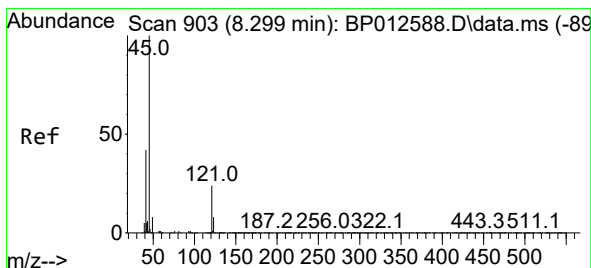
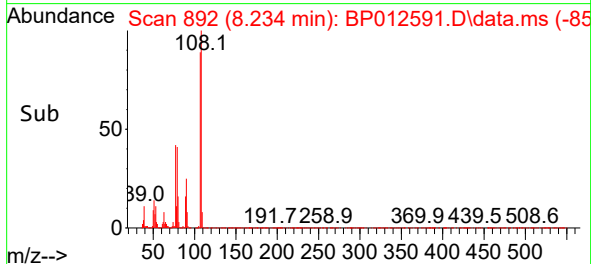
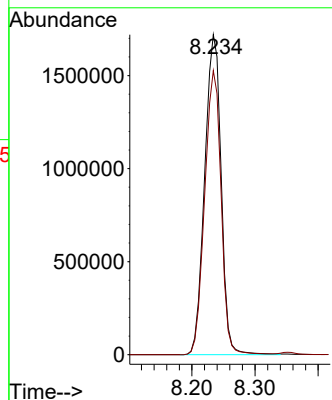
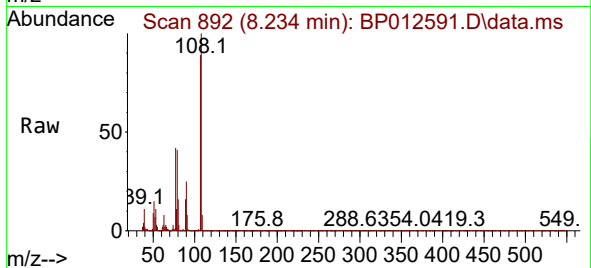
SSTD160615

Tgt Ion:108 Resp: 3114686

Ion Ratio Lower Upper

108 100

107 88.8 70.2 105.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 125.683 ng/ul

RT: 8.310 min Scan# 905

Delta R.T. 0.012 min

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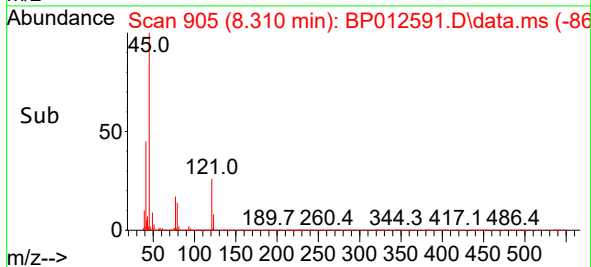
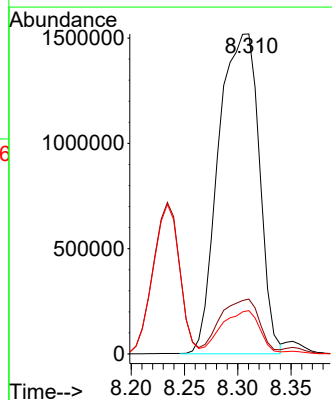
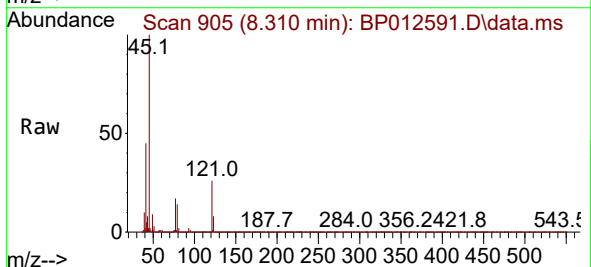
Tgt Ion: 45 Resp: 4025010

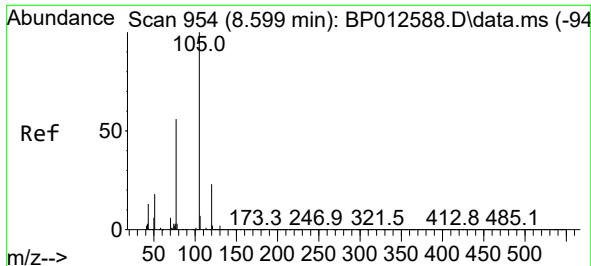
Ion Ratio Lower Upper

45 100

77 17.2 12.4 18.6

79 13.5 10.2 15.4

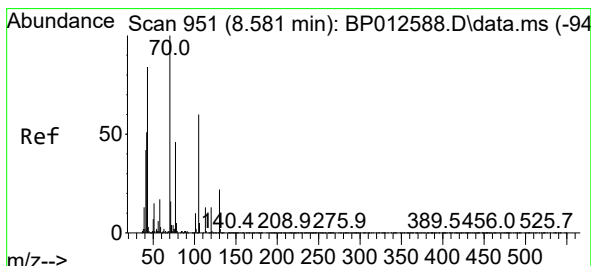
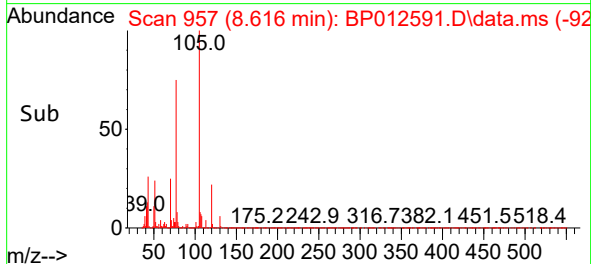
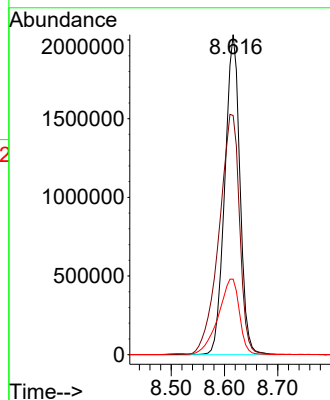
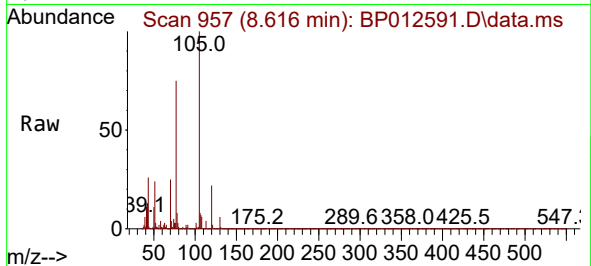




#16
Acetophenone
Concen: 113.775 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

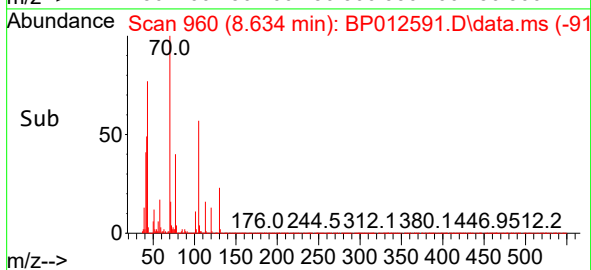
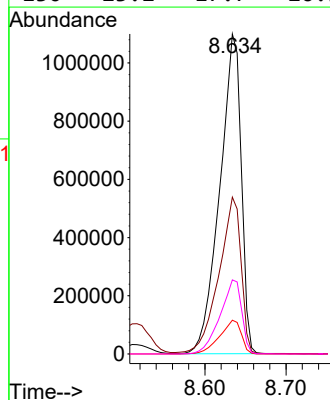
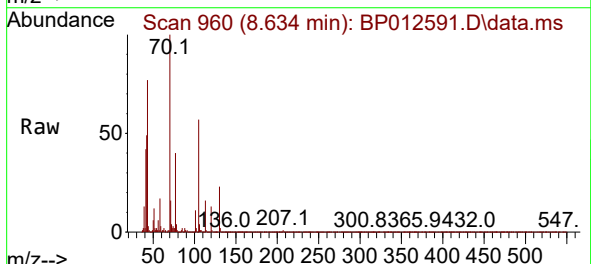
Instrument :
BNA_P
ClientSampleId :
SSTD160615

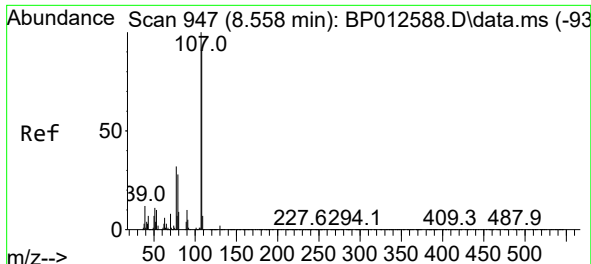
Tgt Ion:105 Resp: 3999452
Ion Ratio Lower Upper
105 100
77 74.8 60.5 90.7
51 23.6 20.1 30.1



#17
N-Nitroso-di-n-propylamine
Concen: 119.197 ng/ul
RT: 8.634 min Scan# 960
Delta R.T. 0.053 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion: 70 Resp: 2017182
Ion Ratio Lower Upper
70 100
42 49.0 41.2 61.8
101 10.6 8.0 12.0
130 23.2 17.7 26.5





#18

4-Methylphenol

Concen: 123.813 ng/ul

RT: 8.593 min Scan# 91

Delta R.T. 0.035 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

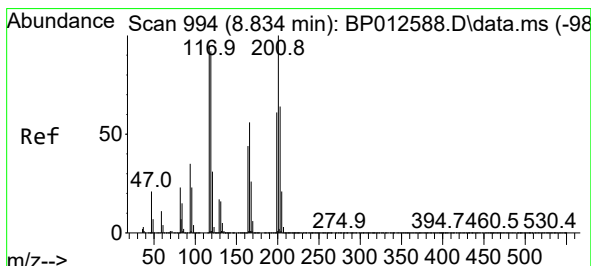
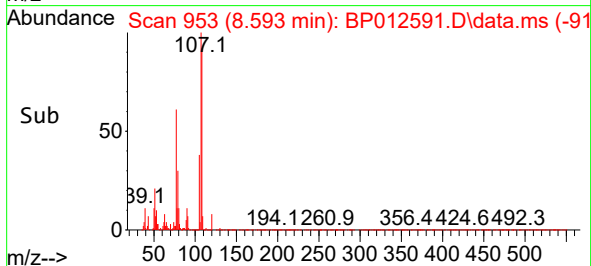
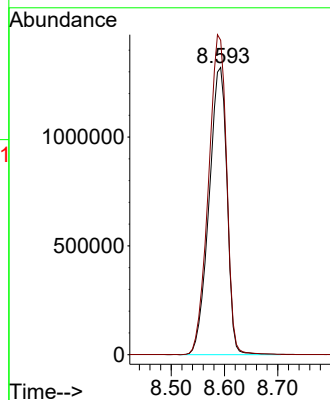
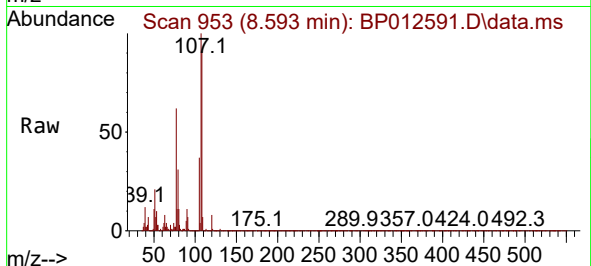
SSTD160615

Tgt Ion:108 Resp: 3096477

Ion Ratio Lower Upper

108 100

107 109.5 87.8 131.6



#19

Hexachloroethane

Concen: 149.342 ng/ul

RT: 8.834 min Scan# 994

Delta R.T. -0.000 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

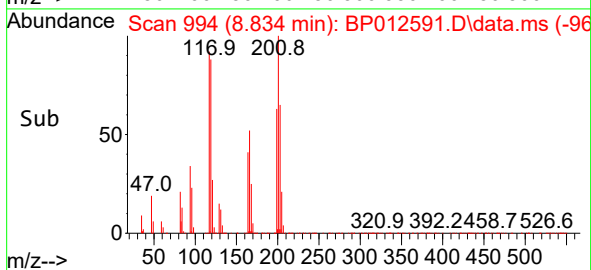
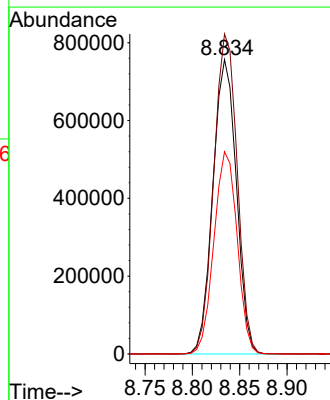
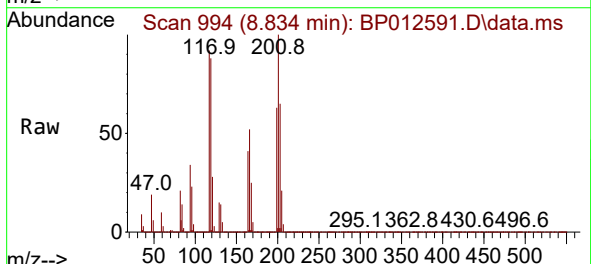
Tgt Ion:117 Resp: 1306636

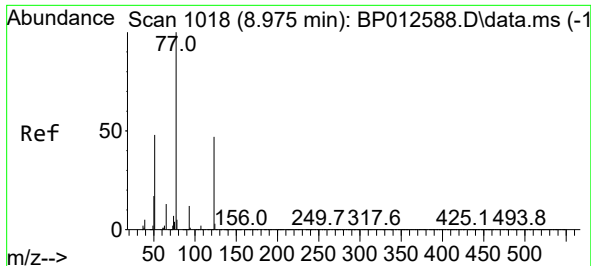
Ion Ratio Lower Upper

117 100

201 108.7 84.6 127.0

199 68.7 51.5 77.3

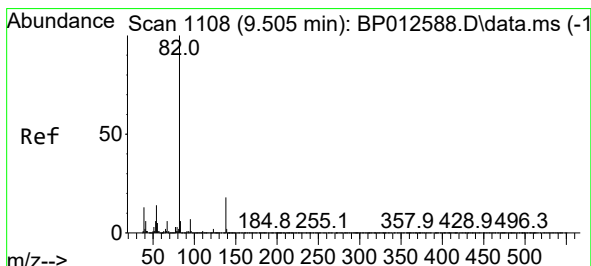
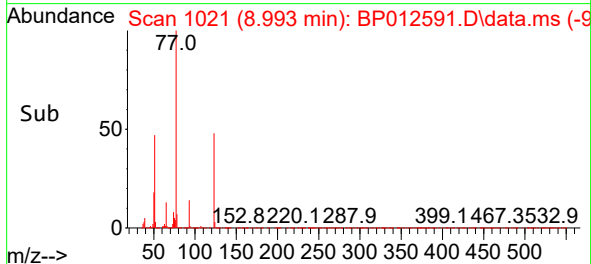
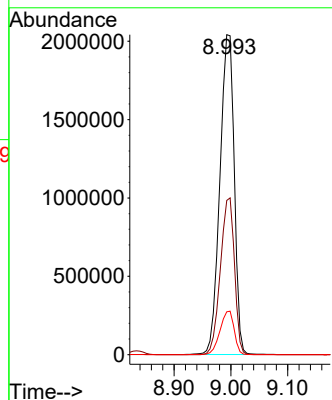
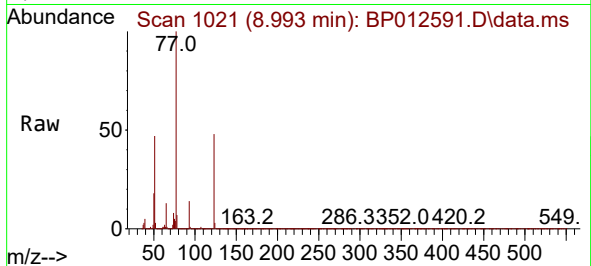




#22
Nitrobenzene
Concen: 156.268 ng/ul
RT: 8.993 min Scan# 1018
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

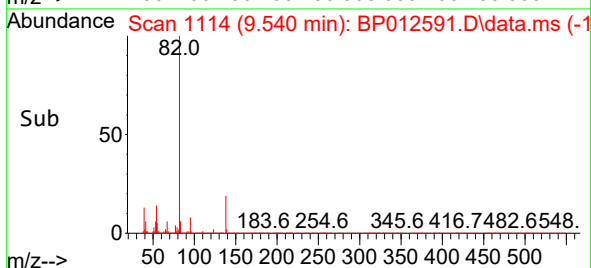
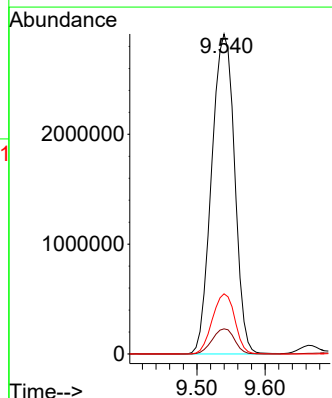
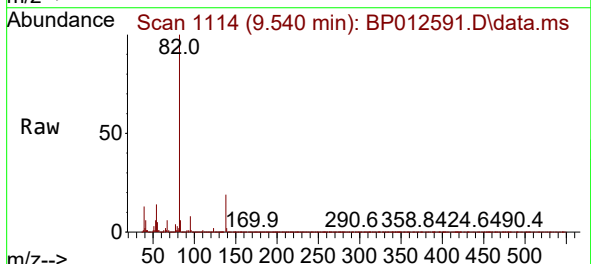
Instrument :
BNA_P
ClientSampleId :
SSTD160615

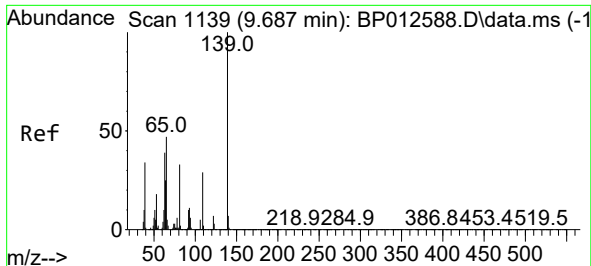
Tgt Ion: 77 Resp: 3594417
Ion Ratio Lower Upper
77 100
123 48.2 37.1 55.7
65 13.4 10.2 15.2



#23
Isophorone
Concen: 141.795 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. 0.035 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion: 82 Resp: 6825103
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 18.8 14.6 21.8

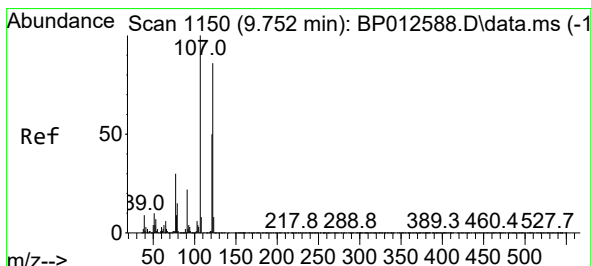
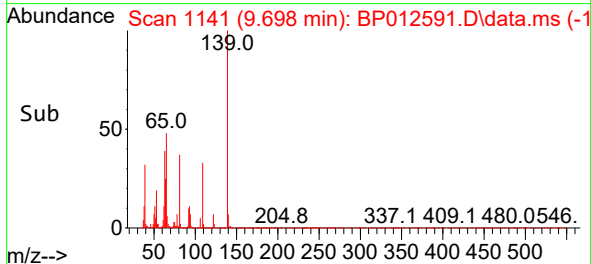
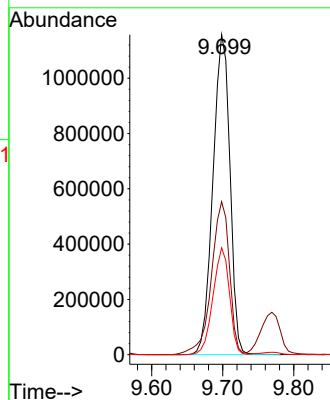
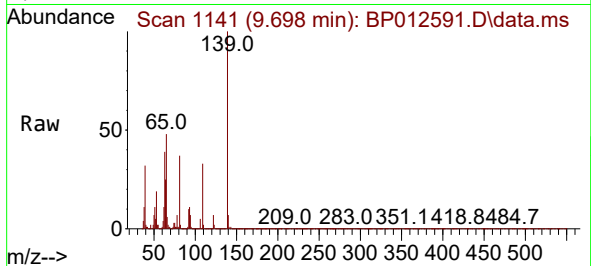




#25
2-Nitrophenol
Concen: 174.875 ng/ul
RT: 9.698 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

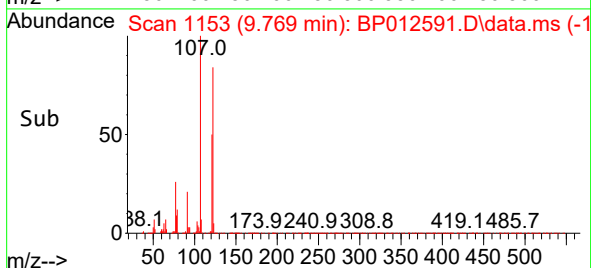
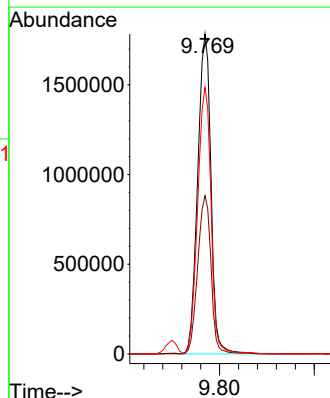
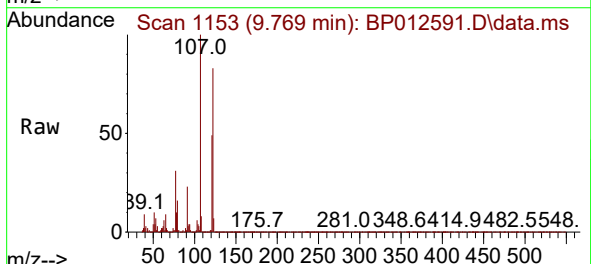
Instrument :
BNA_P
ClientSampleId :
SSTD160615

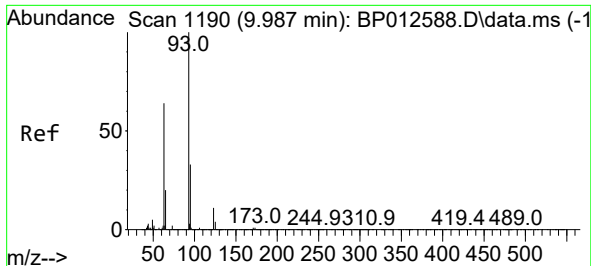
Tgt Ion:139 Resp: 1918719
Ion Ratio Lower Upper
139 100
65 47.8 37.8 56.6
109 33.4 23.0 34.4



#26
2,4-Dimethylphenol
Concen: 143.452 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:107 Resp: 3456048
Ion Ratio Lower Upper
107 100
121 49.4 40.3 60.5
122 83.3 68.8 103.2



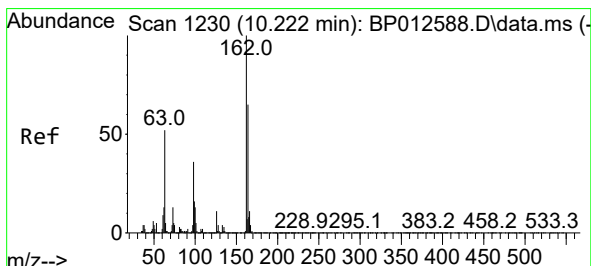
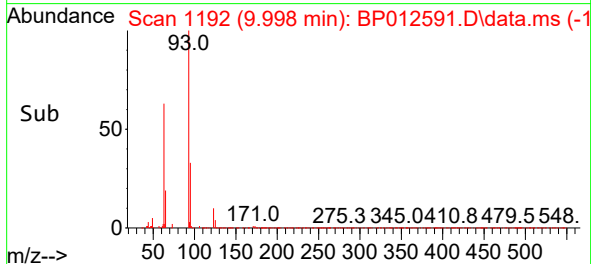
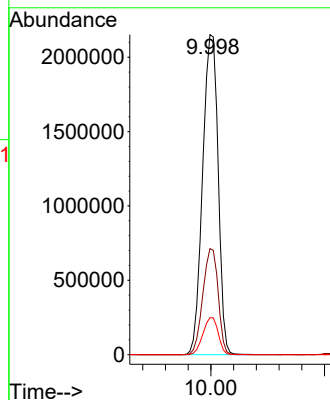
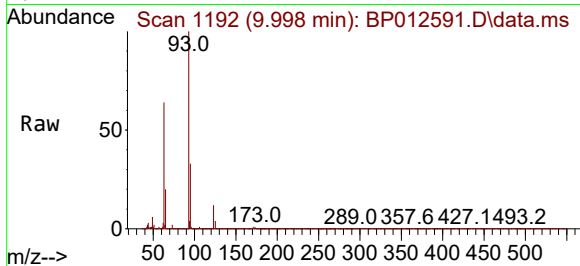


#27
 Bis(2-Chloroethoxy)methane
 Concen: 132.128 ng/ul
 RT: 9.998 min Scan# 1190
 Delta R.T. 0.012 min
 Lab File: BP012591.D
 Acq: 09 Nov 2022 16:33

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160615

Tgt Ion: 93 Resp: 4069777

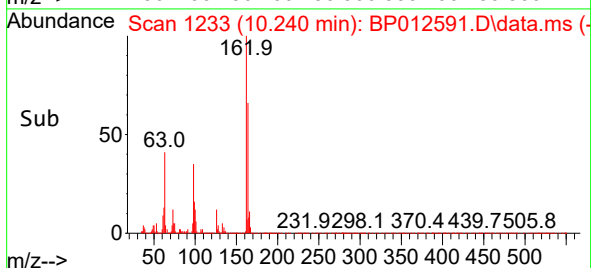
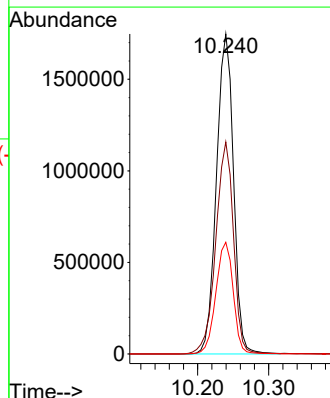
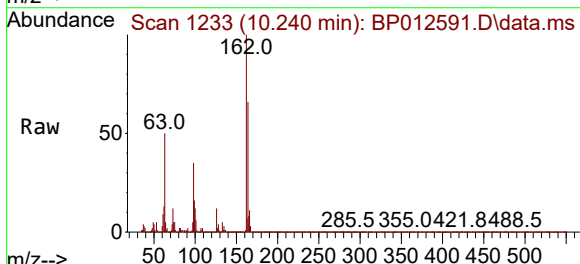
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.1	39.1
123	11.6	9.1	13.7

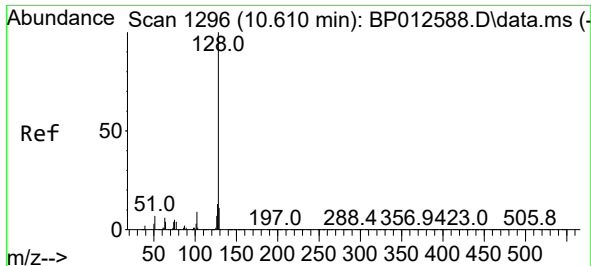


#29
 2,4-Dichlorophenol
 Concen: 141.022 ng/ul
 RT: 10.240 min Scan# 1233
 Delta R.T. 0.018 min
 Lab File: BP012591.D
 Acq: 09 Nov 2022 16:33

Tgt Ion:162 Resp: 2903130

Ion	Ratio	Lower	Upper
162	100		
164	66.2	51.9	77.9
98	34.9	28.7	43.1

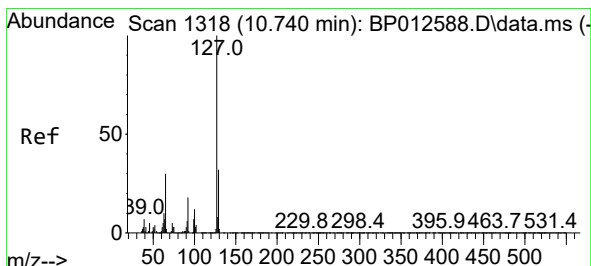
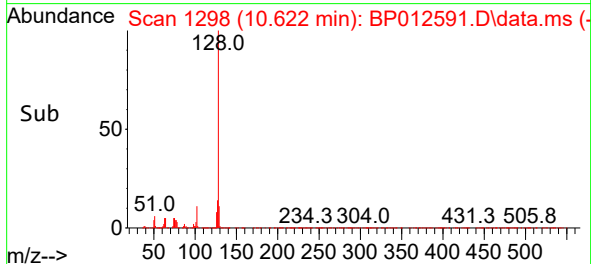
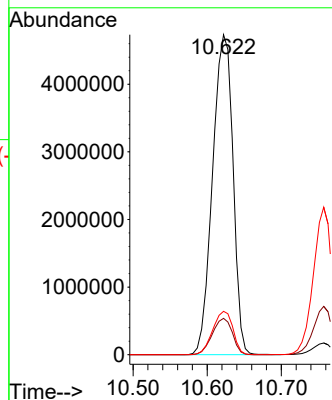
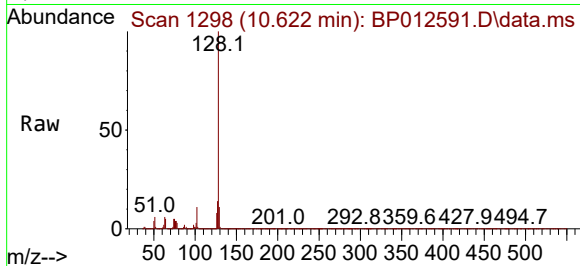




#30
Naphthalene
Concen: 125.702 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

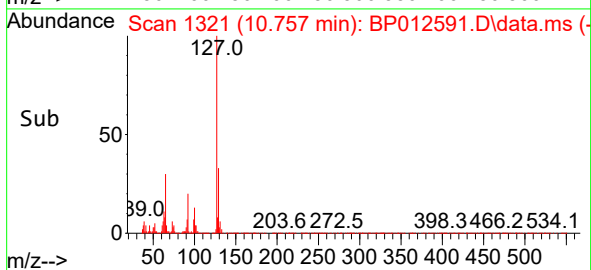
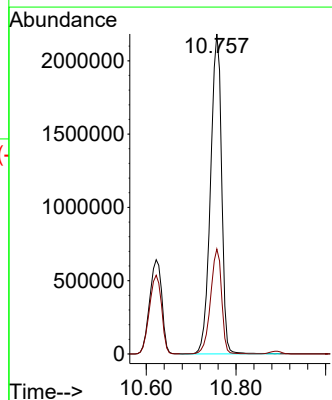
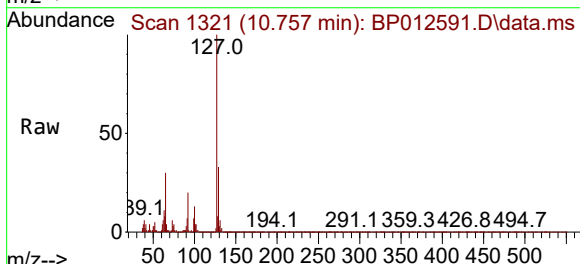
Instrument :
BNA_P
ClientSampleId :
SSTD160615

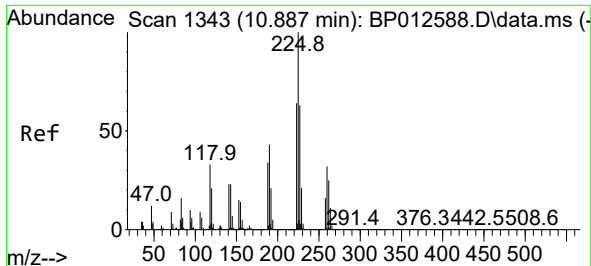
Tgt Ion:128 Resp: 9056954
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.3 15.5



#32
4-Chloroaniline
Concen: 122.801 ng/ul
RT: 10.757 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:127 Resp: 3730962
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2

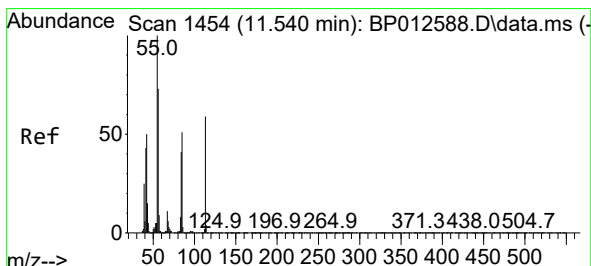
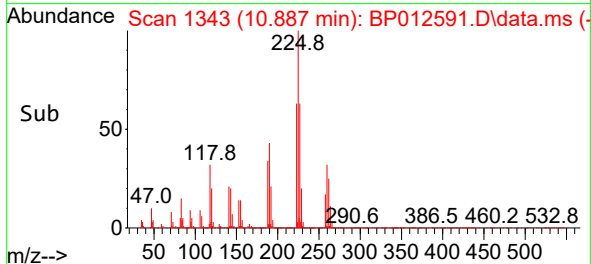
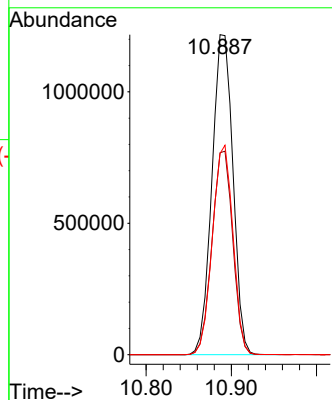
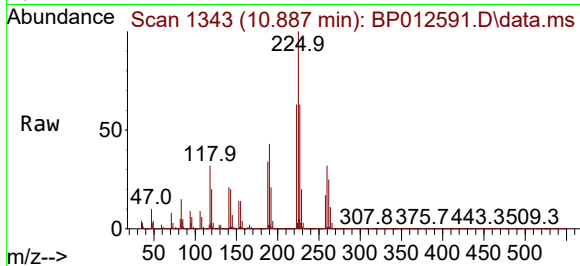




#33
Hexachlorobutadiene
Concen: 162.904 ng/ul
RT: 10.887 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

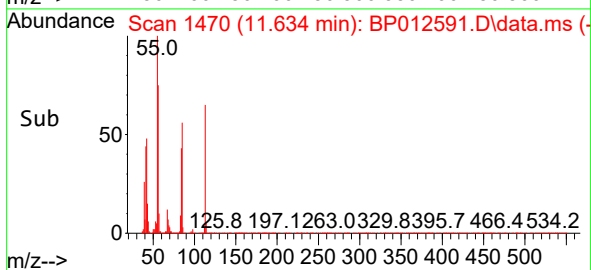
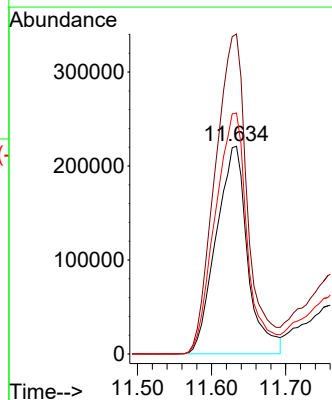
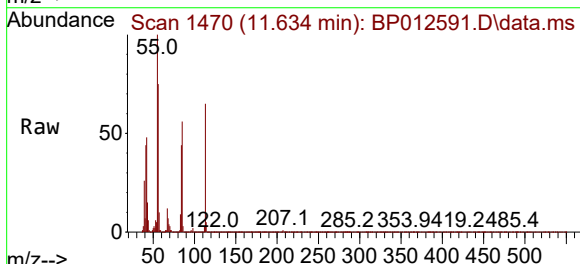
Instrument :
BNA_P
ClientSampleId :
SSTD160615

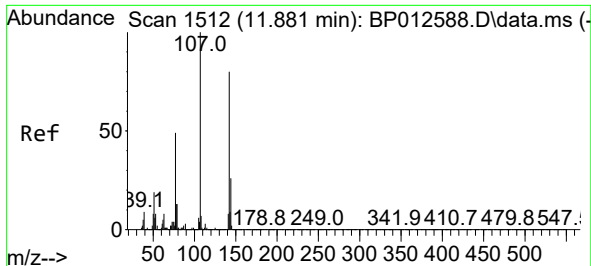
Tgt Ion:225 Resp: 2086409
Ion Ratio Lower Upper
225 100
223 63.1 51.3 76.9
227 62.8 50.4 75.6



#34
Caprolactam
Concen: 93.220 ng/ul
RT: 11.634 min Scan# 1470
Delta R.T. 0.094 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:113 Resp: 652989
Ion Ratio Lower Upper
113 100
55 154.1 135.1 202.7
56 116.0 98.6 147.8

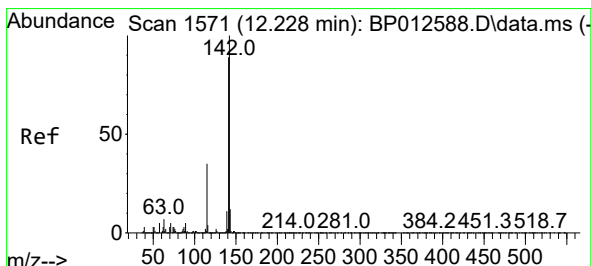
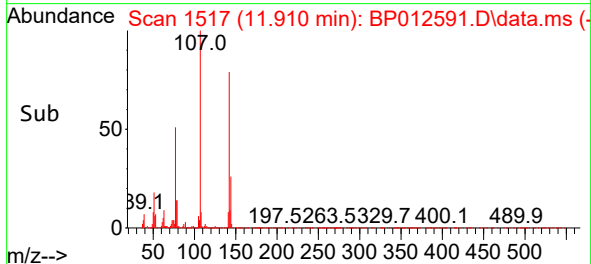
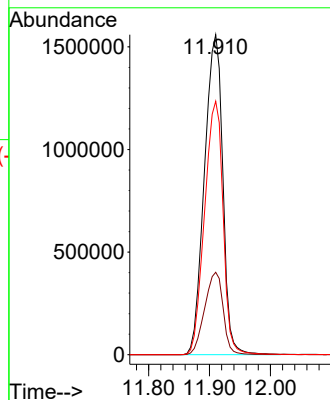
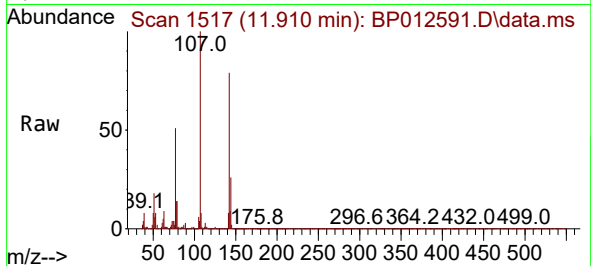




#35
4-Chloro-3-methylphenol
Concen: 144.561 ng/ul
RT: 11.910 min Scan# 1517
Delta R.T. 0.029 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

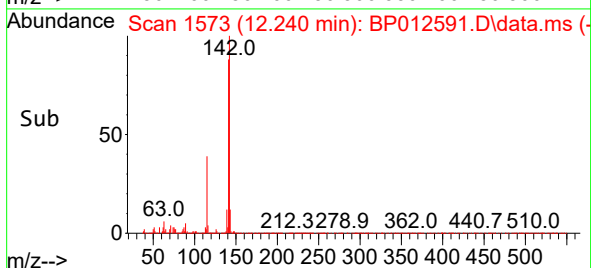
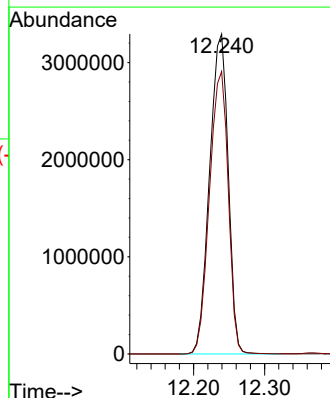
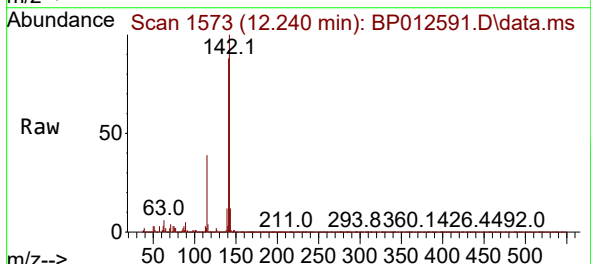
Instrument :
BNA_P
ClientSampleId :
SSTD160615

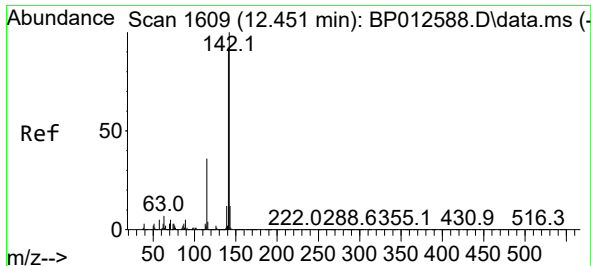
Tgt Ion:107 Resp: 3269984
Ion Ratio Lower Upper
107 100
144 25.7 20.9 31.3
142 79.2 63.8 95.8



#36
2-Methylnaphthalene
Concen: 121.597 ng/ul
RT: 12.240 min Scan# 1573
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:142 Resp: 6006453
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6





#37

1-Methylnaphthalene

Concen: 119.178 ng/ul

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

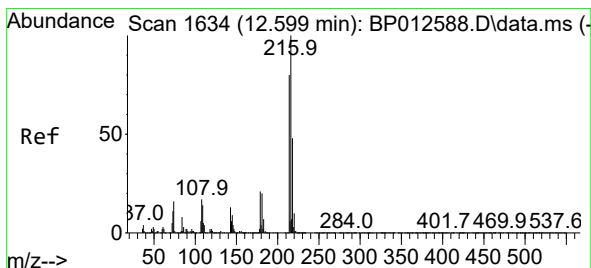
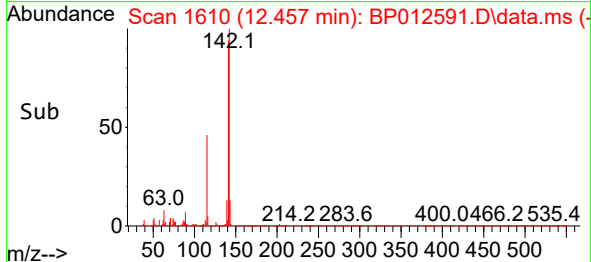
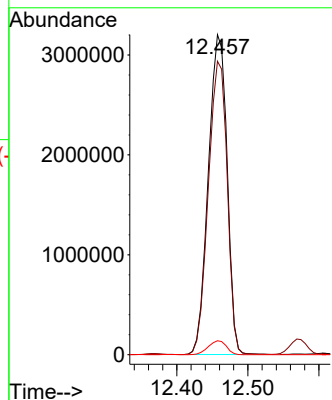
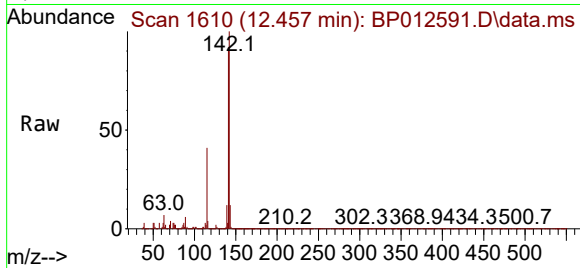
Tgt Ion:142 Resp: 5879154

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2

116 4.3 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 146.686 ng/ul

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Tgt Ion:216 Resp: 3559472

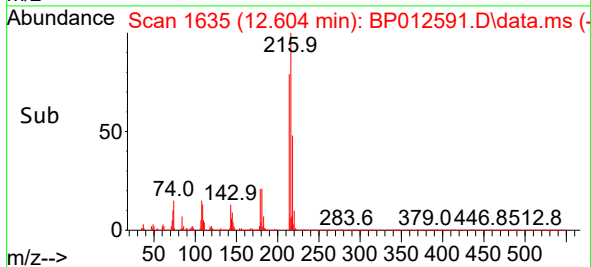
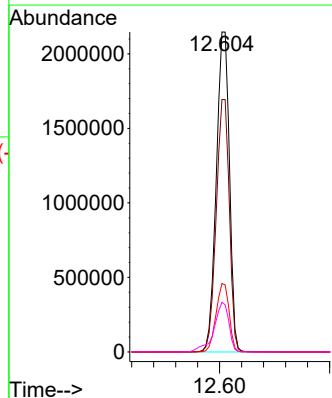
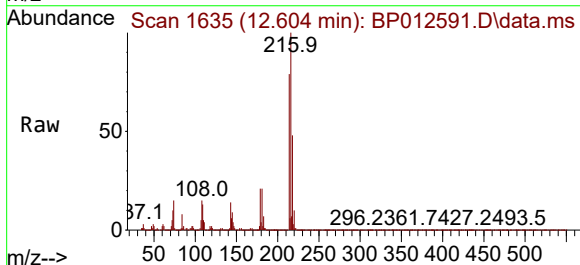
Ion Ratio Lower Upper

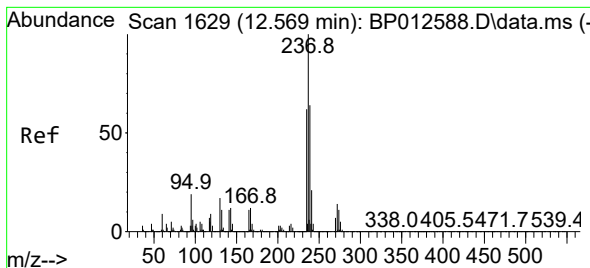
216 100

214 78.9 63.8 95.8

179 21.4 16.8 25.2

108 15.5 13.5 20.3





#40

Hexachlorocyclopentadiene

Concen: 207.937 ng/ul

RT: 12.575 min Scan# 1630

Delta R.T. 0.006 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

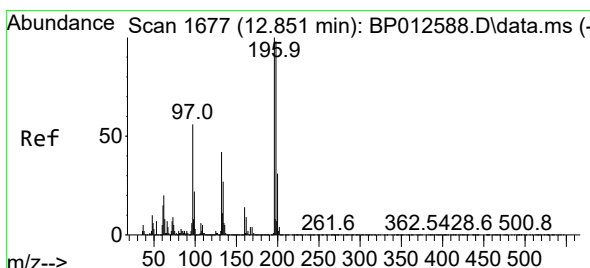
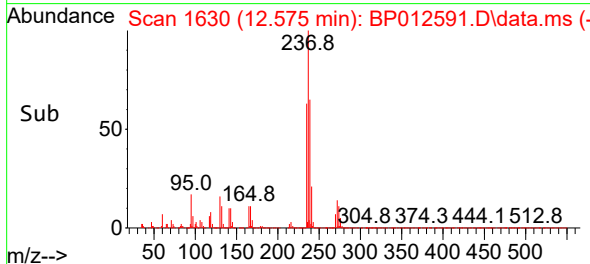
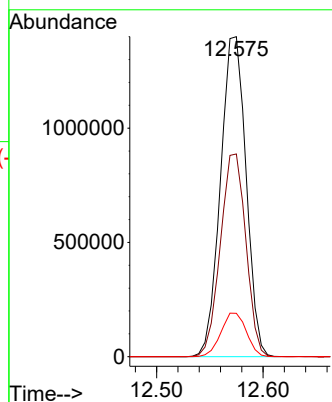
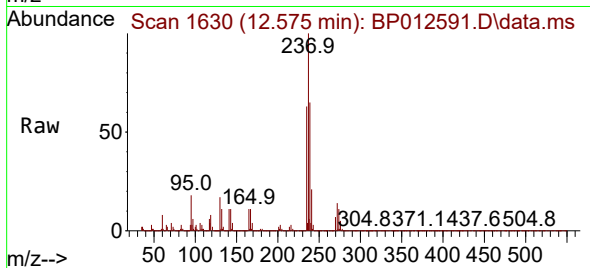
Tgt Ion:237 Resp: 2334427

Ion Ratio Lower Upper

237 100

235 63.3 49.8 74.6

272 13.5 11.4 17.0



#41

2,4,6-Trichlorophenol

Concen: 158.764 ng/ul

RT: 12.863 min Scan# 1679

Delta R.T. 0.012 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

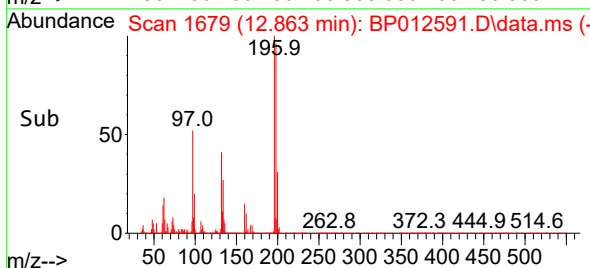
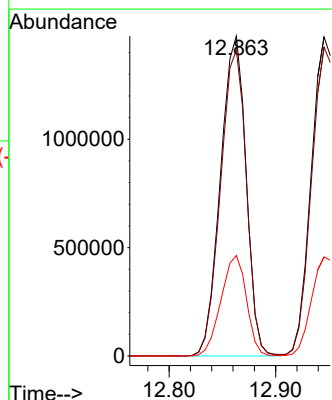
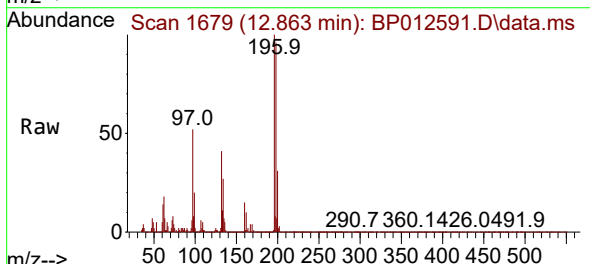
Tgt Ion:196 Resp: 2462575

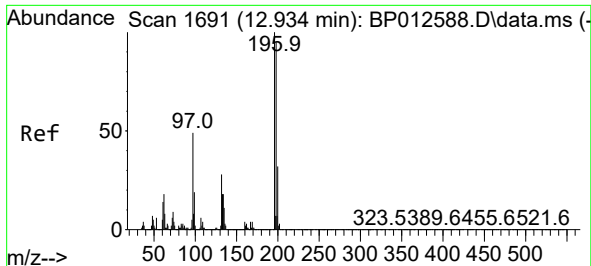
Ion Ratio Lower Upper

196 100

198 95.7 78.3 117.5

200 31.4 24.6 37.0

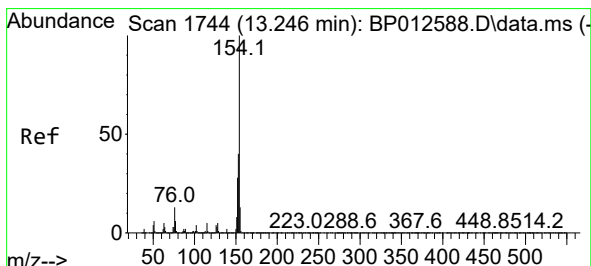
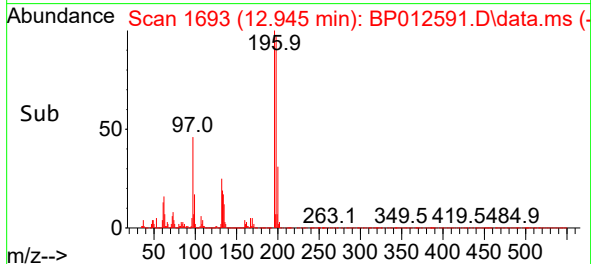
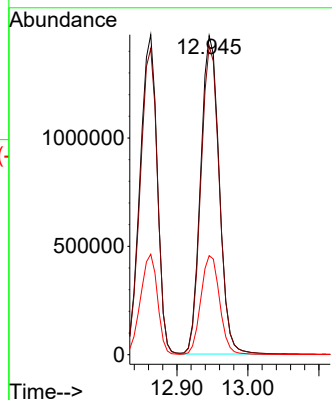
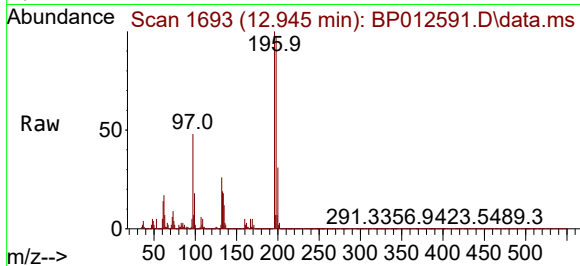




#42
2,4,5-Trichlorophenol
Concen: 158.430 ng/ul
RT: 12.945 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

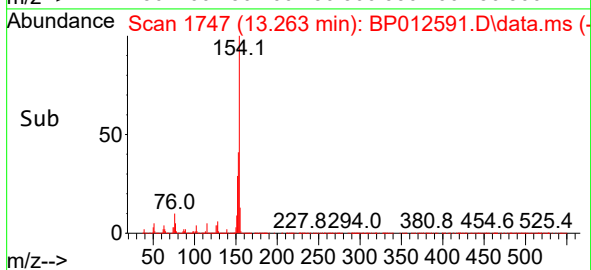
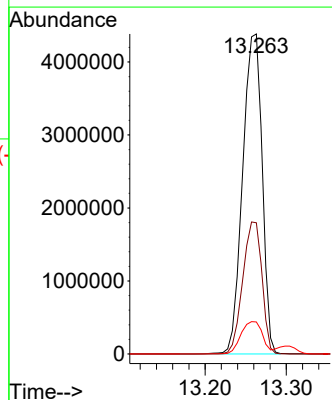
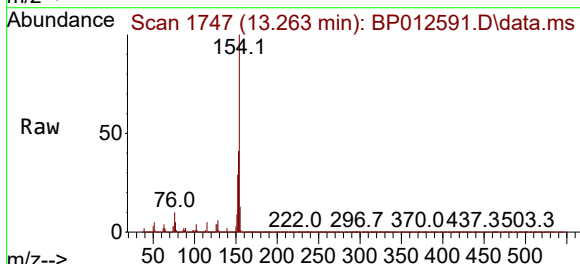
Instrument :
BNA_P
ClientSampleId :
SSTD160615

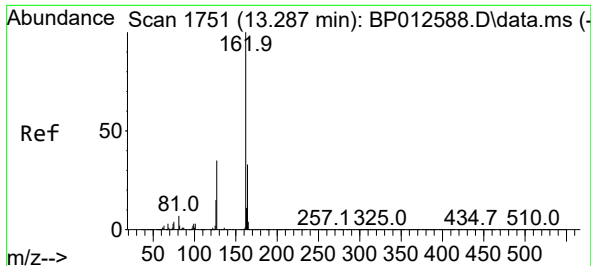
Tgt Ion:196 Resp: 2680245
Ion Ratio Lower Upper
196 100
198 96.8 75.6 113.4
200 31.1 25.4 38.2



#43
1,1'-Biphenyl
Concen: 120.376 ng/ul
RT: 13.263 min Scan# 1747
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:154 Resp: 7312389
Ion Ratio Lower Upper
154 100
153 41.0 32.0 48.0
76 10.0 10.7 16.1#

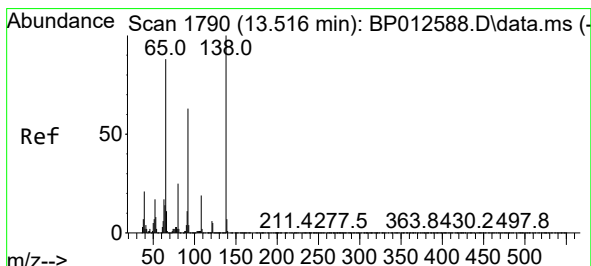
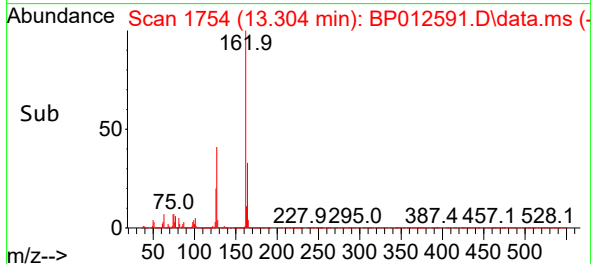
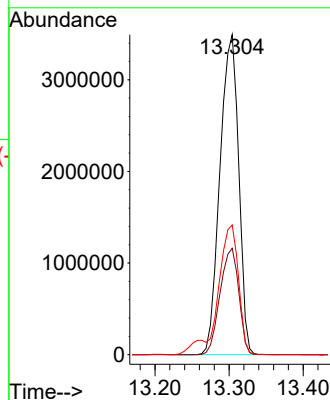
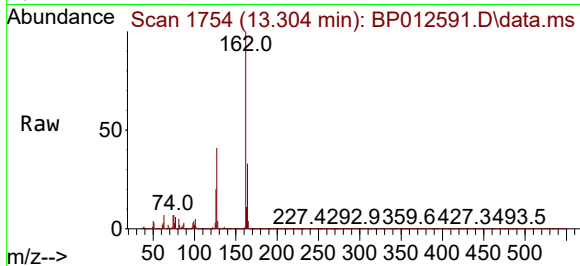




#44
2-Chloronaphthalene
Concen: 128.261 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

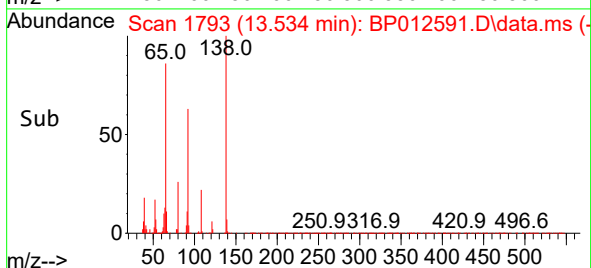
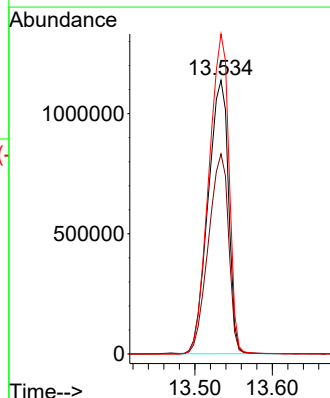
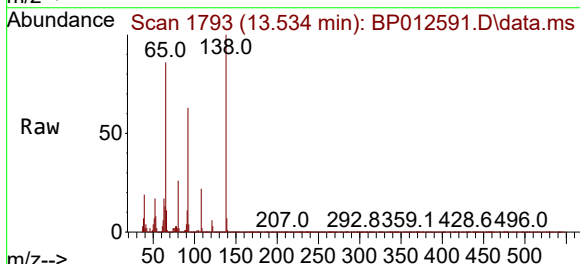
Instrument :
BNA_P
ClientSampleId :
SSTD160615

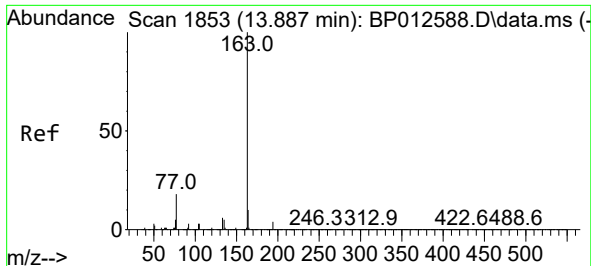
Tgt Ion:162 Resp: 6122545
Ion Ratio Lower Upper
162 100
164 33.2 26.4 39.6
127 40.5 31.7 47.5



#45
2-Nitroaniline
Concen: 188.426 ng/ul
RT: 13.534 min Scan# 1793
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion: 65 Resp: 2084686
Ion Ratio Lower Upper
65 100
92 73.1 57.6 86.4
138 117.0 91.2 136.8





#47

Dimethylphthalate

Concen: 129.355 ng/ul

RT: 13.904 min Scan# 1856

Delta R.T. 0.018 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

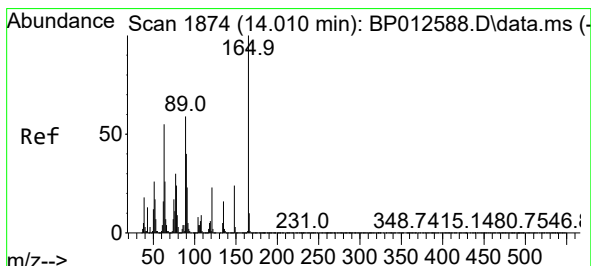
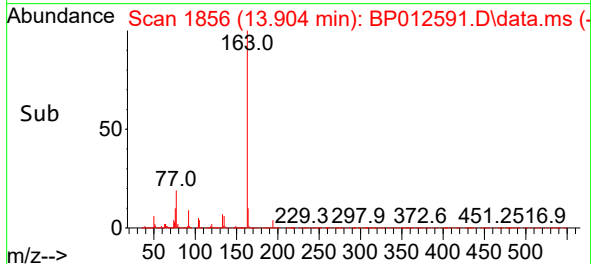
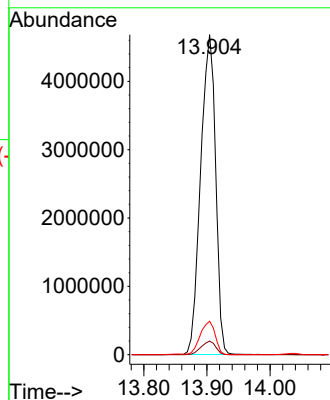
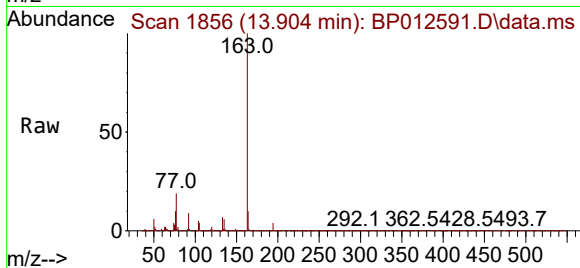
Tgt Ion:163 Resp: 7707513

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.5 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 189.472 ng/ul

RT: 14.039 min Scan# 1879

Delta R.T. 0.029 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

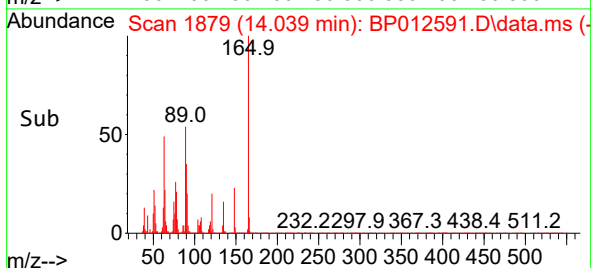
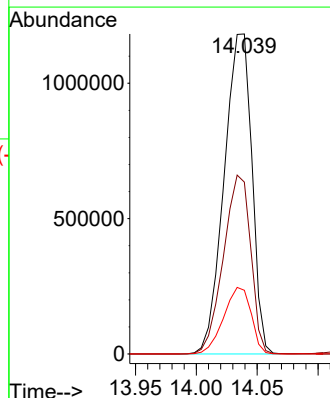
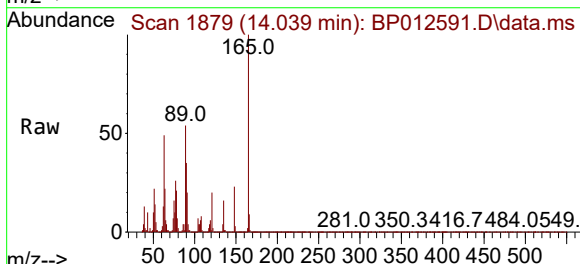
Tgt Ion:165 Resp: 1874536

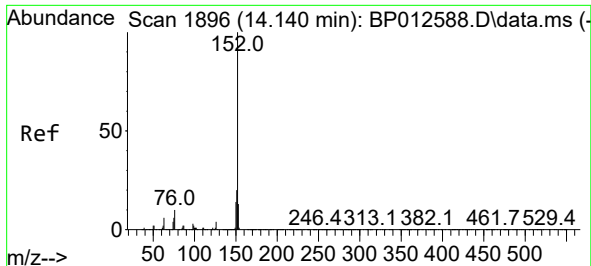
Ion Ratio Lower Upper

165 100

89 53.7 47.2 70.8

121 19.9 18.6 27.8

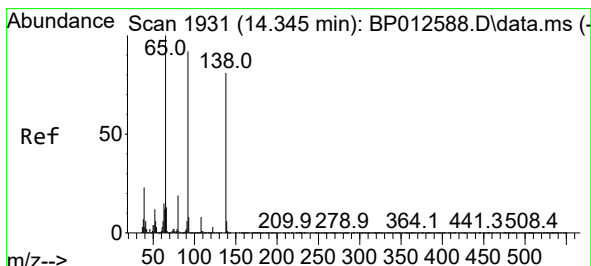
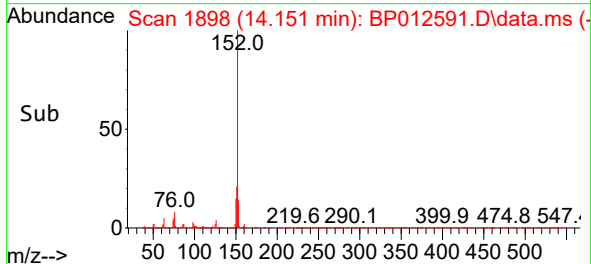
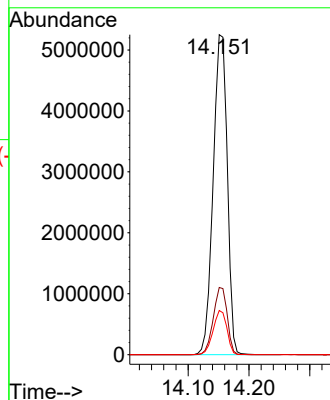
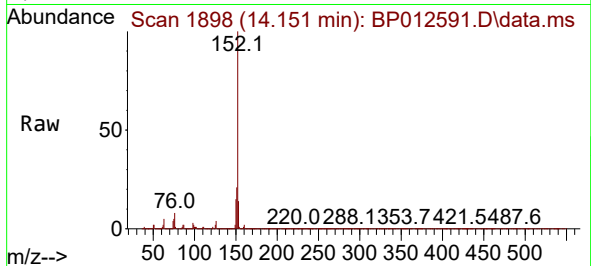




#50
Acenaphthylene
Concen: 116.662 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

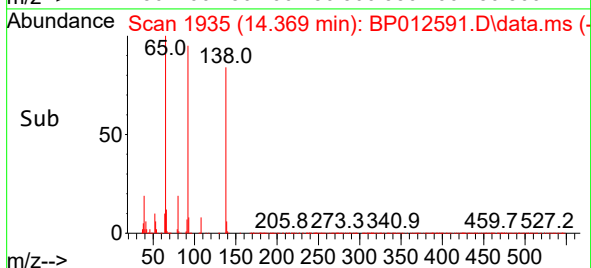
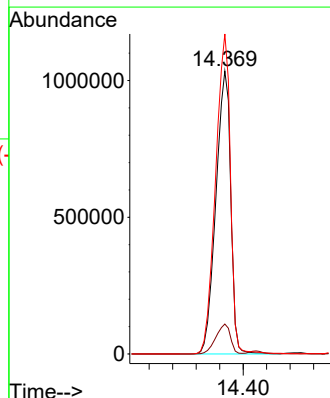
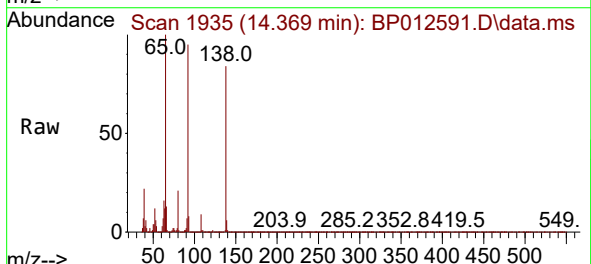
Instrument :
BNA_P
ClientSampleId :
SSTD160615

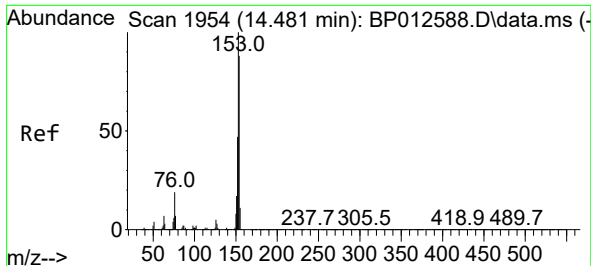
Tgt Ion:152 Resp: 8455443
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 13.8 10.5 15.7



#51
3-Nitroaniline
Concen: 149.747 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. 0.023 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:138 Resp: 1814029
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 113.1 91.0 136.6

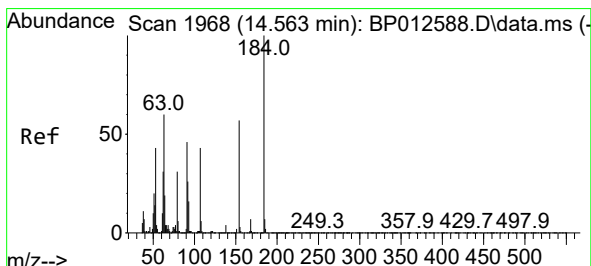
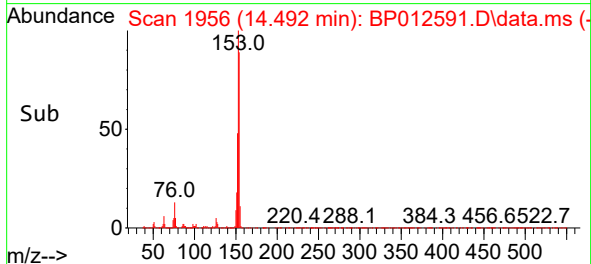
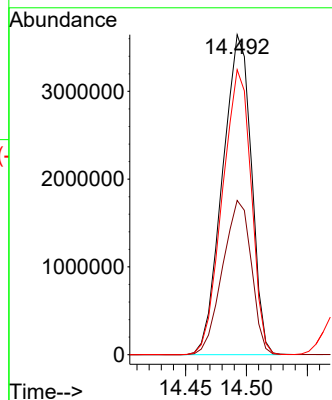
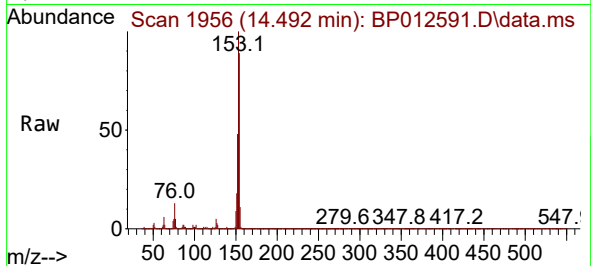




#52
Acenaphthene
Concen: 117.954 ng/ul
RT: 14.492 min Scan# 1956
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

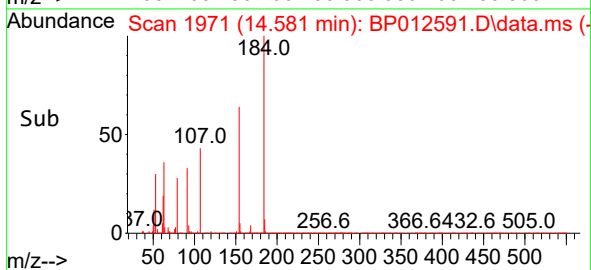
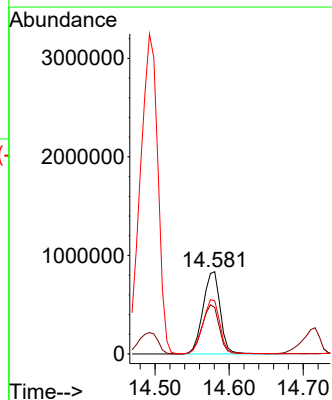
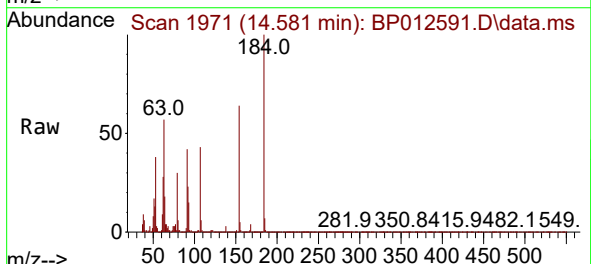
Instrument :
BNA_P
ClientSampleId :
SSTD160615

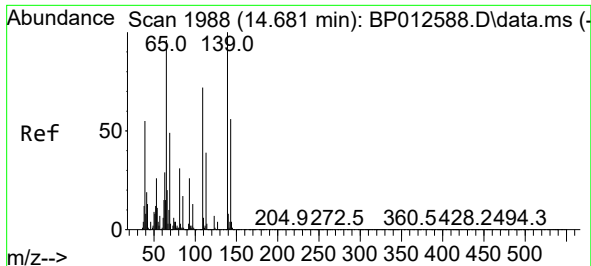
Tgt Ion:153 Resp: 6007972
Ion Ratio Lower Upper
153 100
152 48.2 37.6 56.4
154 89.1 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 202.520 ng/ul
RT: 14.581 min Scan# 1971
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:184 Resp: 1353082
Ion Ratio Lower Upper
184 100
63 56.6 48.6 72.8
154 64.5 49.8 74.6

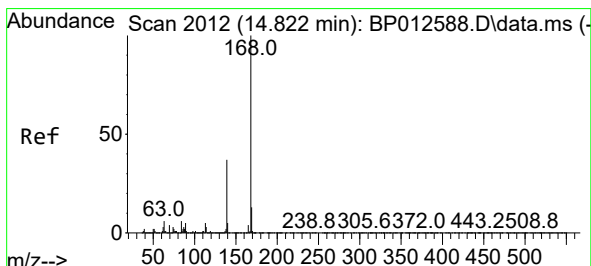
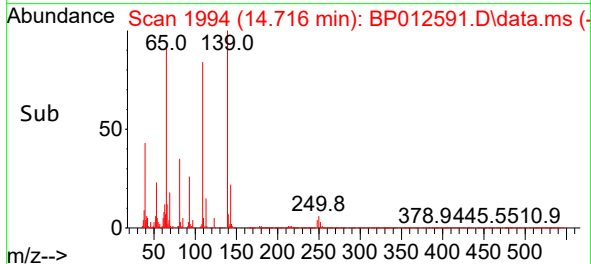
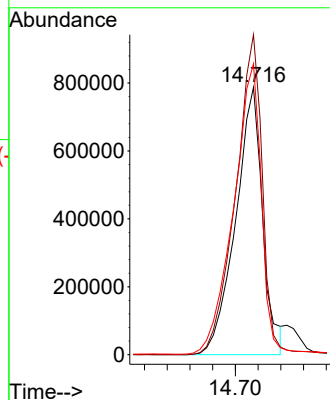
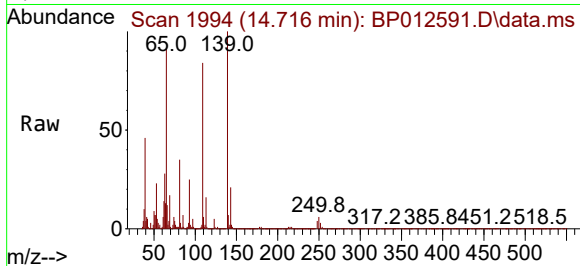




#55
4-Nitrophenol
Concen: 159.891 ng/ul
RT: 14.716 min Scan# 1988
Delta R.T. 0.035 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

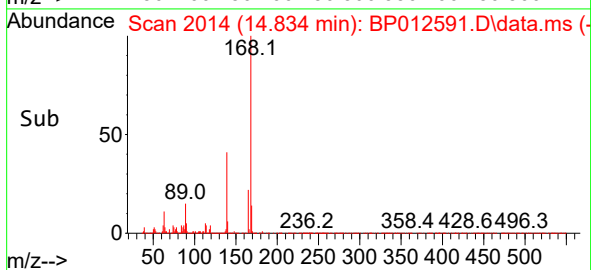
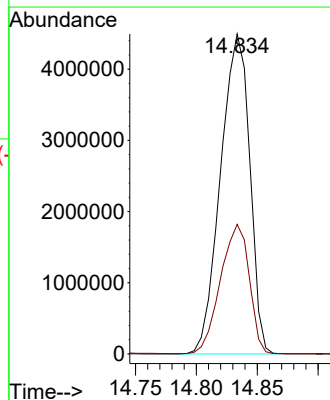
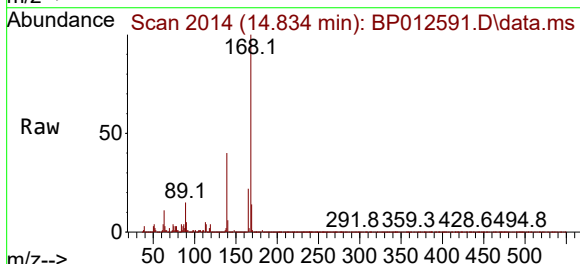
Instrument :
BNA_P
ClientSampleId :
SSTD160615

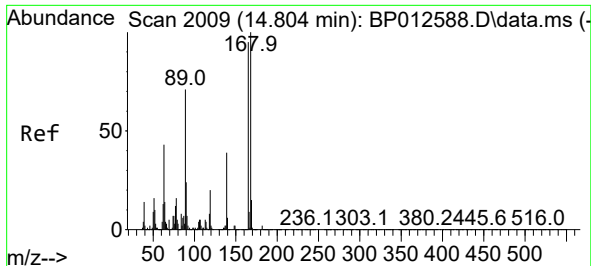
Tgt Ion:109 Resp: 1294903
Ion Ratio Lower Upper
109 100
139 119.7 111.2 166.8
65 108.8 107.5 161.3



#56
Dibenzofuran
Concen: 107.719 ng/ul
RT: 14.834 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:168 Resp: 7490435
Ion Ratio Lower Upper
168 100
139 40.5 29.8 44.8

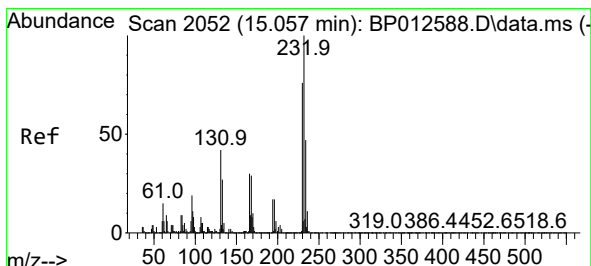
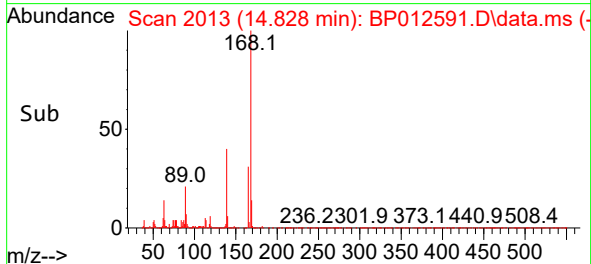
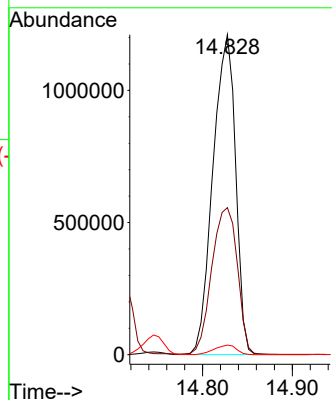
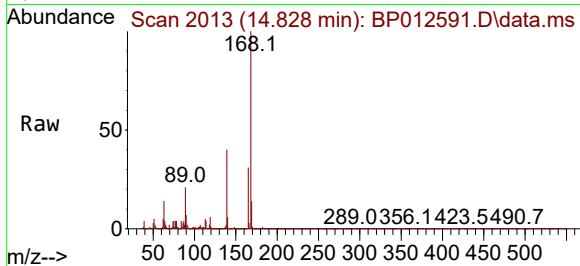




#57
2,4-Dinitrotoluene
Concen: 142.232 ng/ul
RT: 14.828 min Scan# 2013
Delta R.T. 0.023 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

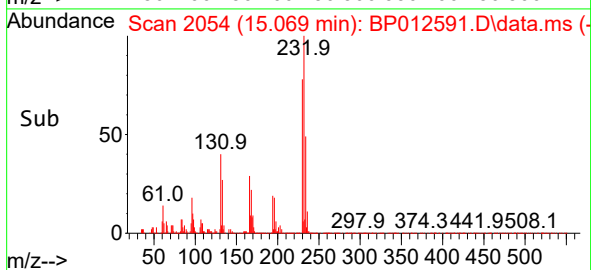
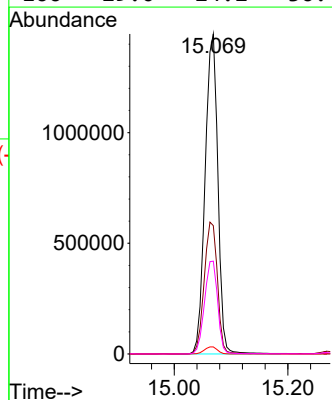
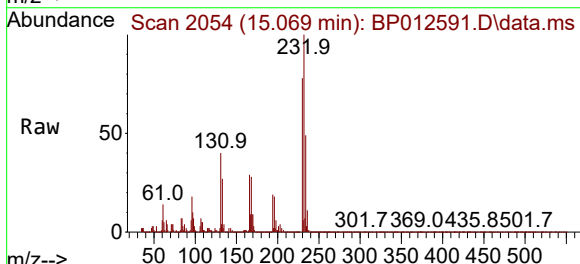
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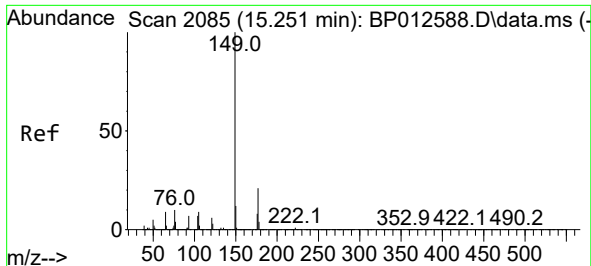
Tgt Ion:165 Resp: 2119474
Ion Ratio Lower Upper
165 100
63 45.9 37.1 55.7
182 3.0 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 156.618 ng/ul
RT: 15.069 min Scan# 2054
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:232 Resp: 2248876
Ion Ratio Lower Upper
232 100
131 40.1 33.3 49.9
130 2.2 1.6 2.4
166 29.0 24.2 36.4

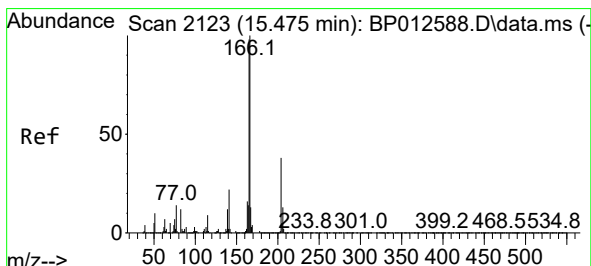
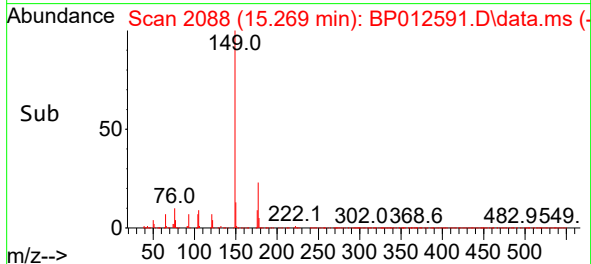
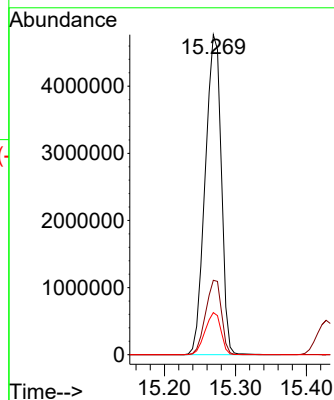
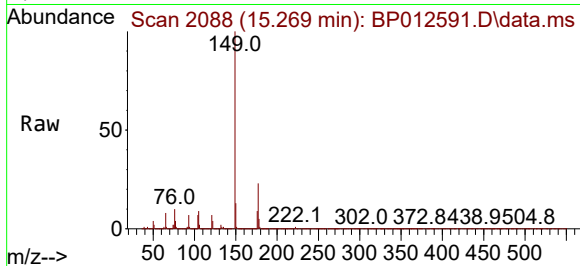




#59
Diethylphthalate
Concen: 129.402 ng/ul
RT: 15.269 min Scan# 2088
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

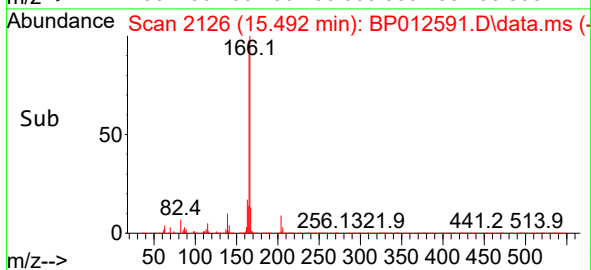
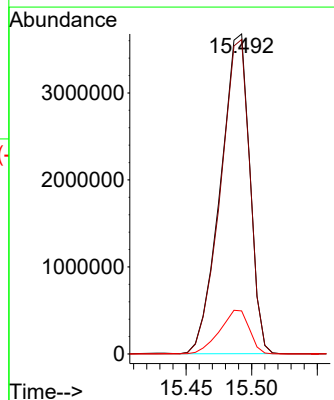
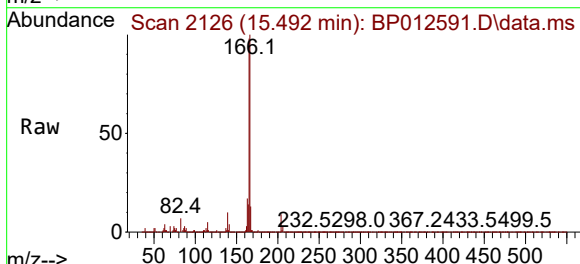
Instrument :
BNA_P
ClientSampleId :
SSTD160615

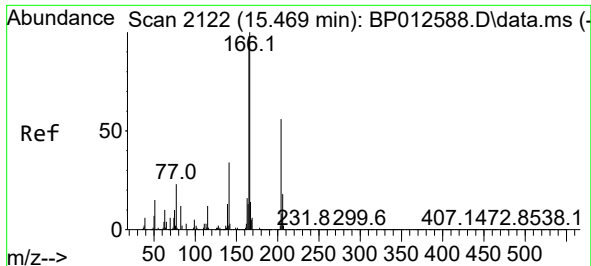
Tgt Ion:149 Resp: 7502378
Ion Ratio Lower Upper
149 100
177 23.3 17.2 25.8
150 13.2 9.8 14.6



#61
Fluorene
Concen: 103.259 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:166 Resp: 5705176
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.5 10.7 16.1

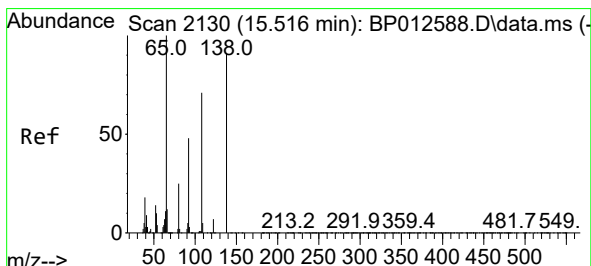
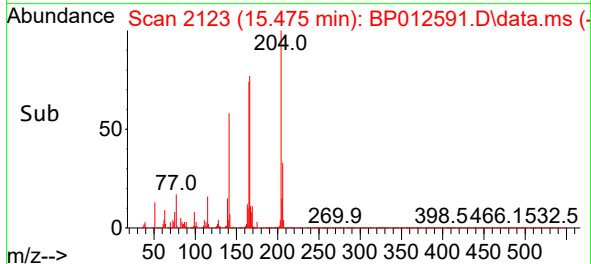
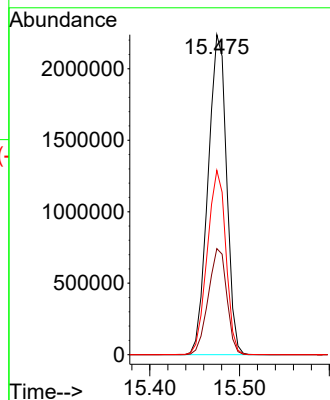
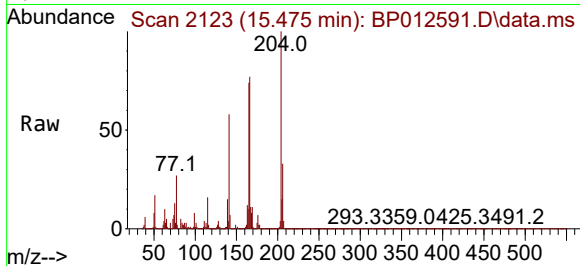




#62
4-Chlorophenyl-phenylether
Concen: 118.199 ng/ul
RT: 15.475 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

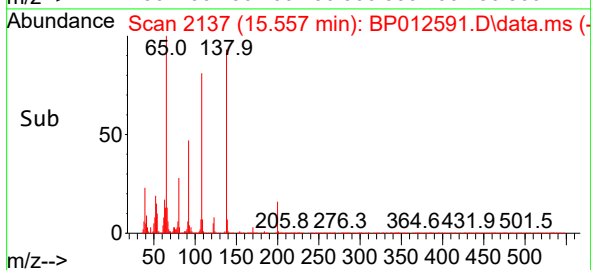
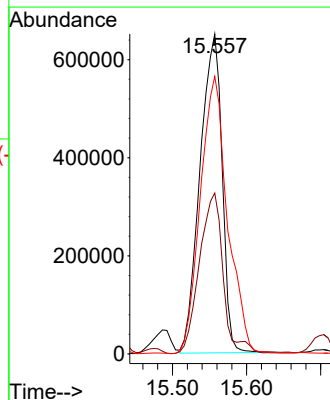
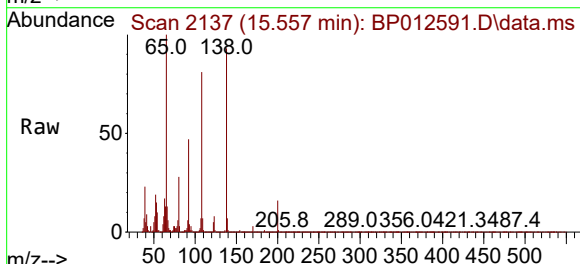
Instrument :
BNA_P
ClientSampleId :
SSTD160615

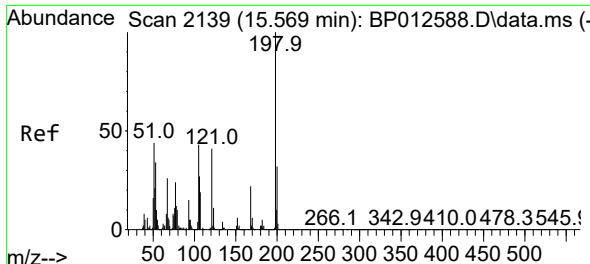
Tgt Ion:204 Resp: 3203291
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 57.6 47.7 71.5



#63
4-Nitroaniline
Concen: 122.708 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. 0.041 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:138 Resp: 1342969
Ion Ratio Lower Upper
138 100
92 50.3 41.0 61.4
108 86.8 60.8 91.2

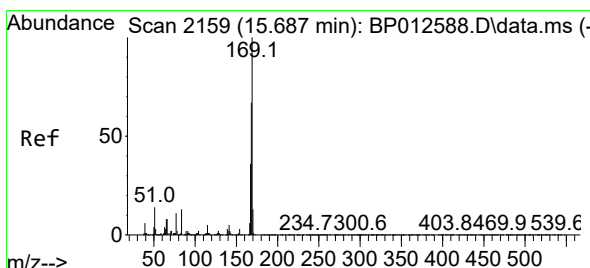
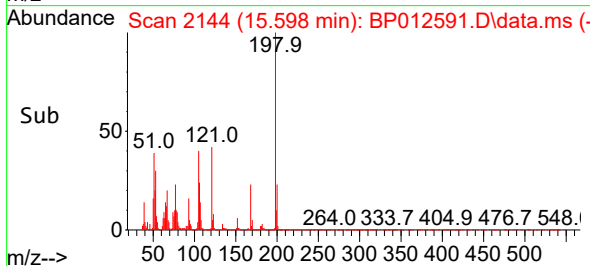
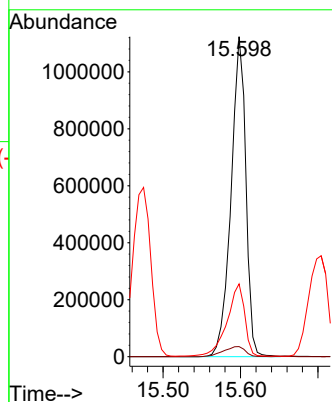
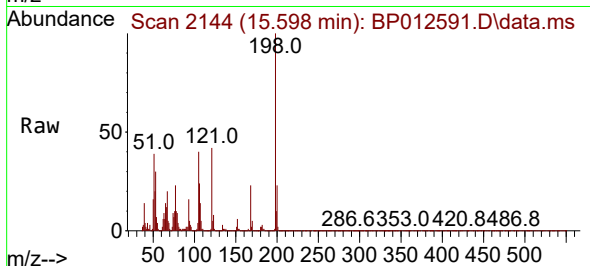




#66
4,6-Dinitro-2-methylphenol
Concen: 161.164 ng/ul
RT: 15.598 min Scan# 2144
Delta R.T. 0.029 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

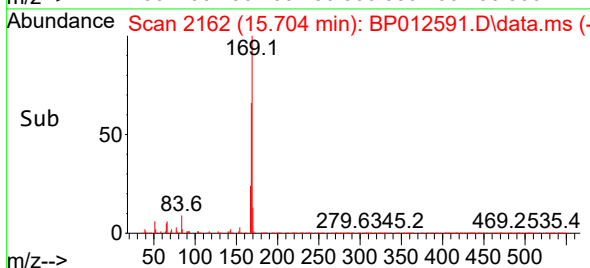
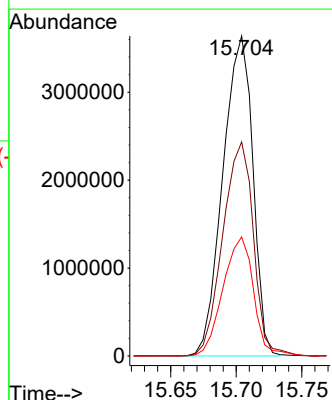
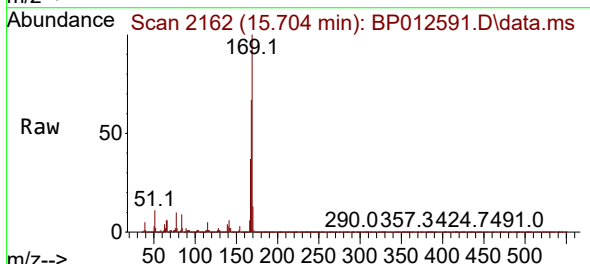
Instrument :
BNA_P
ClientSampleId :
SSTD160615

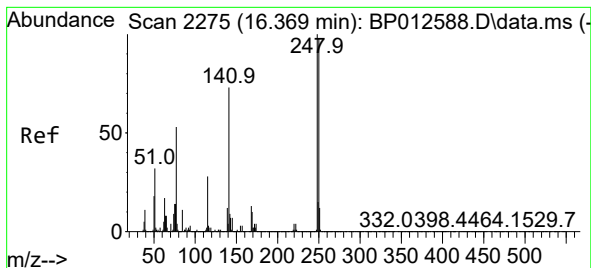
Tgt Ion:198 Resp: 1497187
Ion Ratio Lower Upper
198 100
182 3.1 4.1 6.1#
77 22.8 20.2 30.4



#67
N-Nitrosodiphenylamine
Concen: 122.754 ng/ul
RT: 15.704 min Scan# 2162
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:169 Resp: 5789908
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 37.2 29.0 43.4

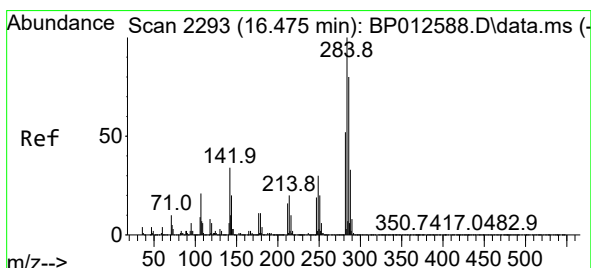
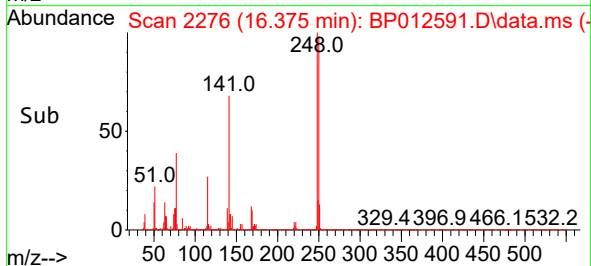
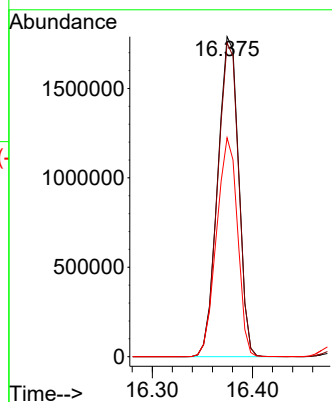
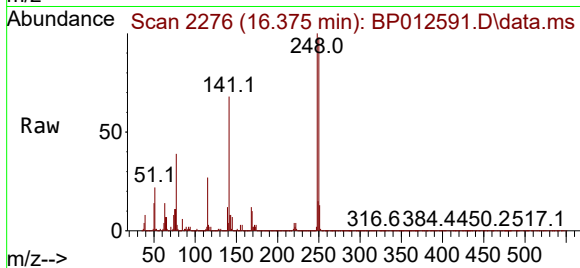




#68
4-Bromophenyl-phenylether
Concen: 154.220 ng/ul
RT: 16.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

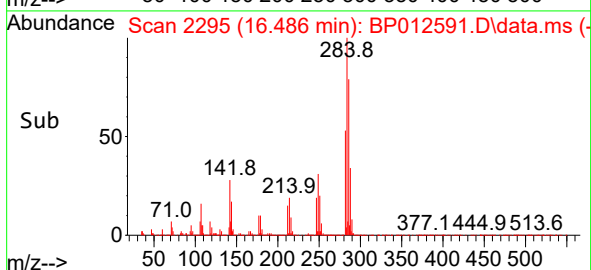
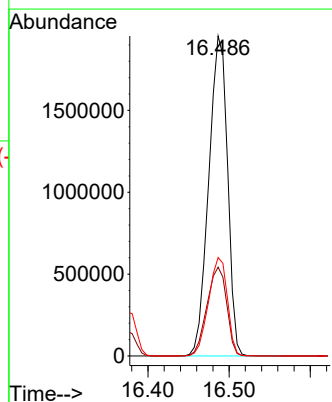
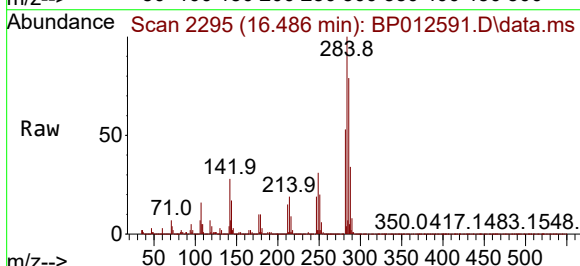
Instrument :
BNA_P
ClientSampleId :
SSTD160615

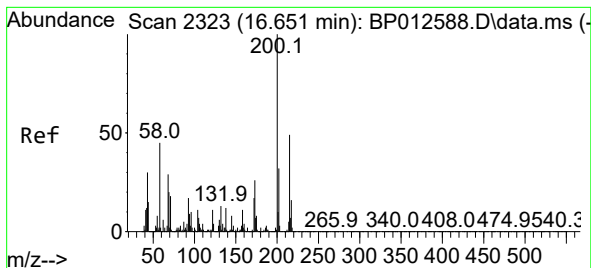
Tgt Ion:248 Resp: 2594173
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 68.4 58.3 87.5



#69
Hexachlorobenzene
Concen: 155.832 ng/ul
RT: 16.486 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:284 Resp: 3143882
Ion Ratio Lower Upper
284 100
142 27.8 27.4 41.0
249 30.8 24.5 36.7





#70

Atrazine

Concen: 142.692 ng/ul

RT: 16.675 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

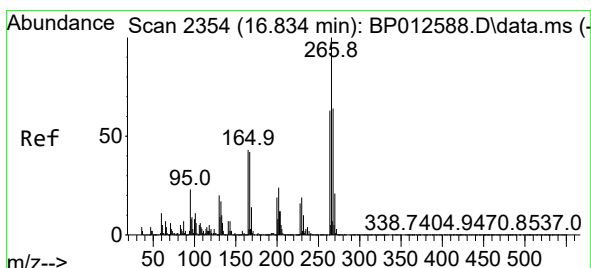
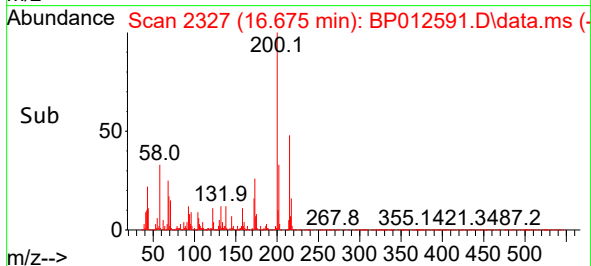
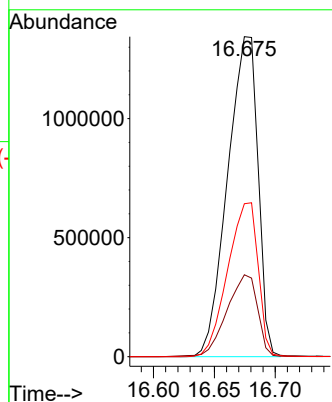
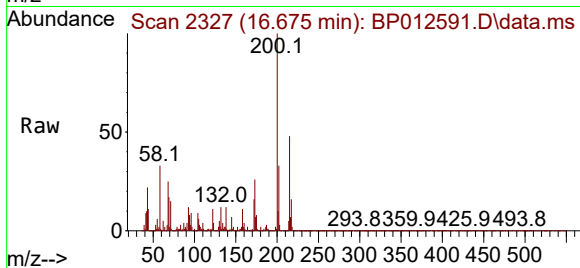
Tgt Ion:200 Resp: 2331481

Ion Ratio Lower Upper

200 100

173 25.6 20.9 31.3

215 47.8 39.1 58.7



#71

Pentachlorophenol

Concen: 161.117 ng/ul

RT: 16.845 min Scan# 2356

Delta R.T. 0.012 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

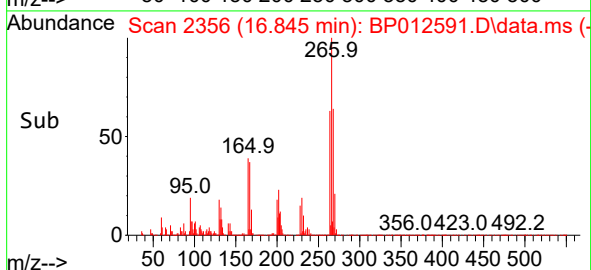
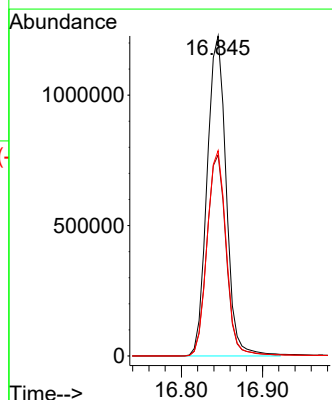
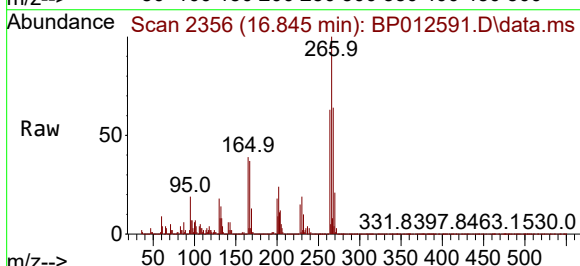
Tgt Ion:266 Resp: 1996289

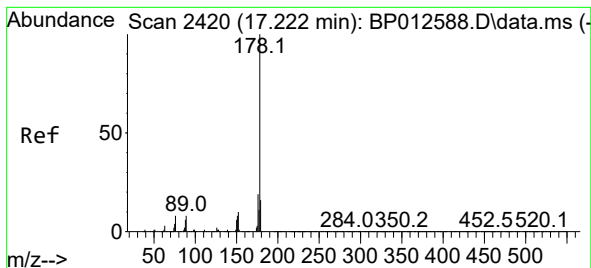
Ion Ratio Lower Upper

266 100

264 62.8 50.2 75.4

268 64.1 51.5 77.3





#72

Phenanthrene

Concen: 118.188 ng/ul

RT: 17.239 min Scan# 2420

Delta R.T. 0.017 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

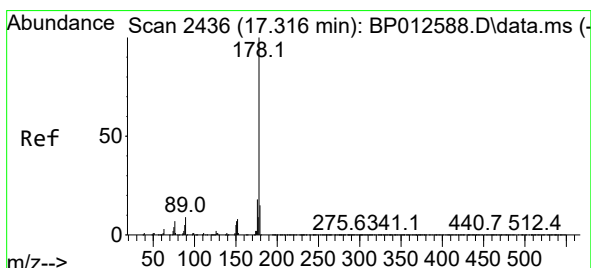
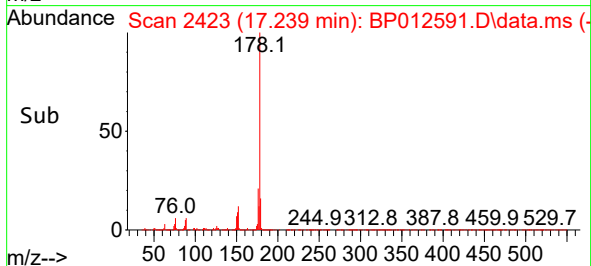
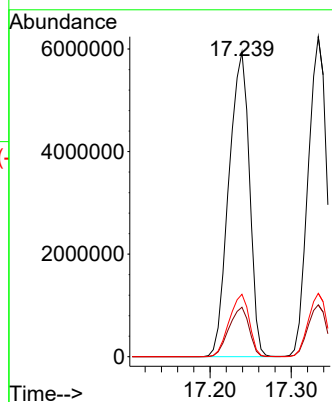
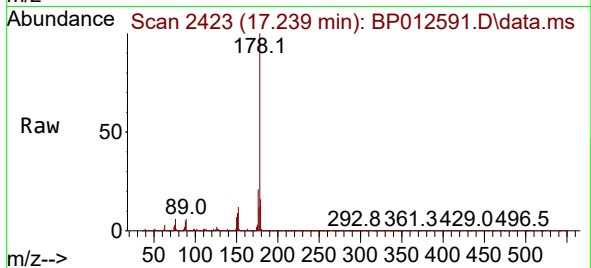
Tgt Ion:178 Resp:10456303

Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 20.5 15.5 23.3



#74

Anthracene

Concen: 111.511 ng/ul

RT: 17.333 min Scan# 2439

Delta R.T. 0.018 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

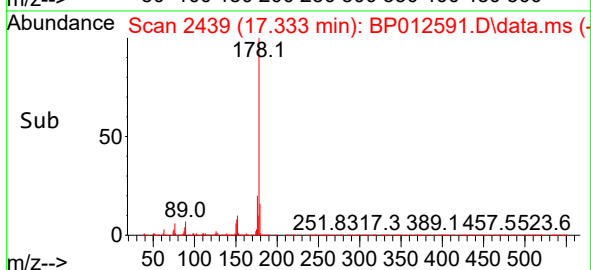
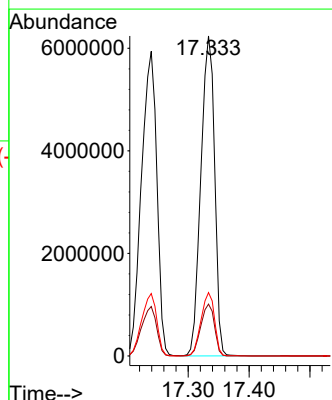
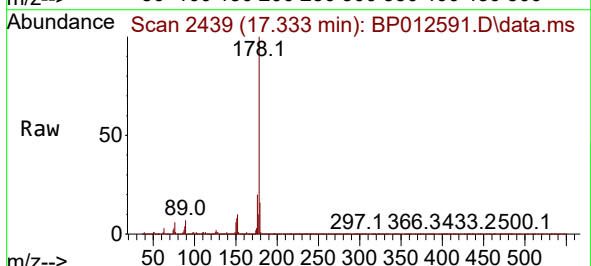
Tgt Ion:178 Resp: 9800790

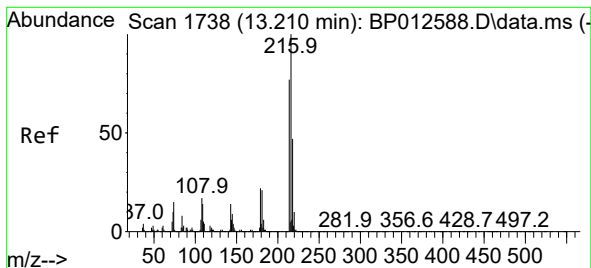
Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

176 19.8 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 152.684 ng/uL

RT: 13.216 min Scan# 1738

Delta R.T. 0.006 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

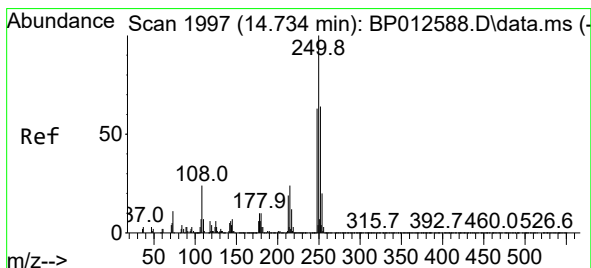
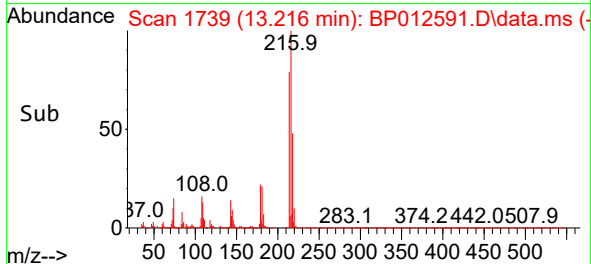
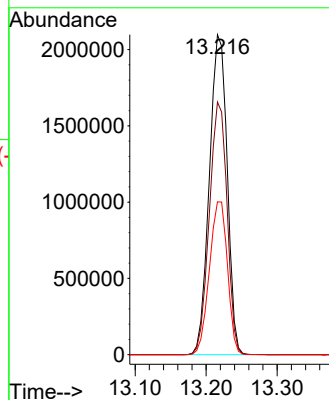
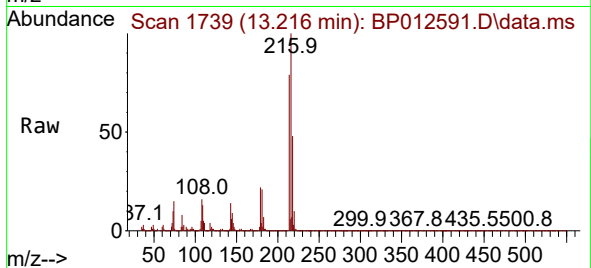
Tgt Ion:216 Resp: 3657725

Ion Ratio Lower Upper

216 100

214 78.9 61.5 92.3

218 47.8 37.9 56.9



#76

Pentachlorobenzene

Concen: 145.164 ng/uL

RT: 14.745 min Scan# 1999

Delta R.T. 0.012 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

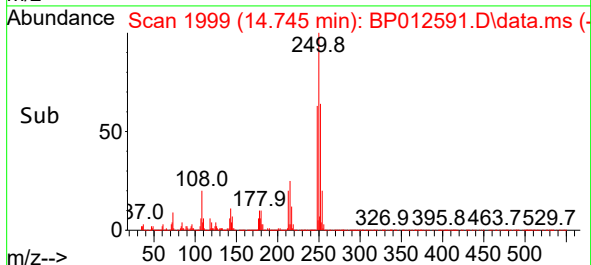
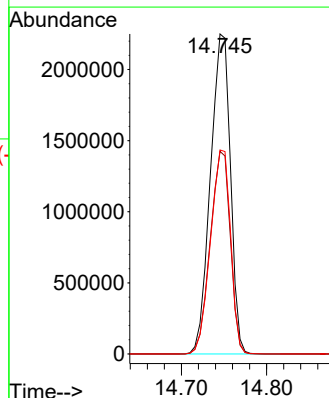
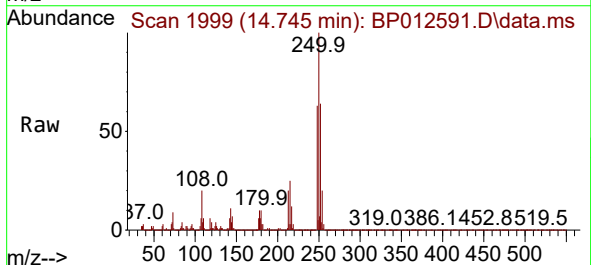
Tgt Ion:250 Resp: 3672251

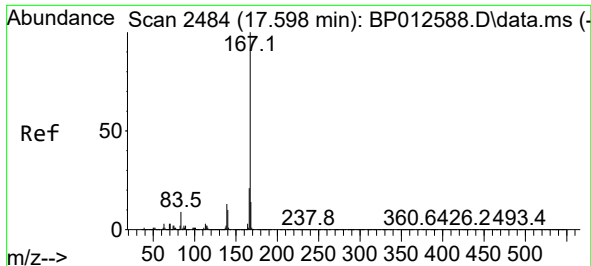
Ion Ratio Lower Upper

250 100

248 63.3 50.4 75.6

252 63.8 50.9 76.3

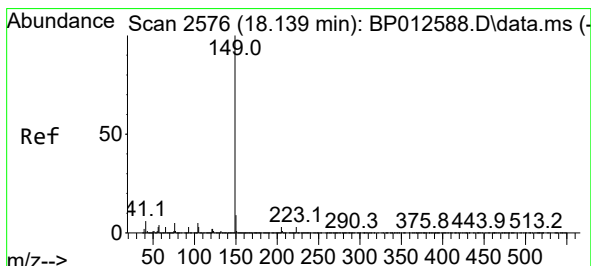
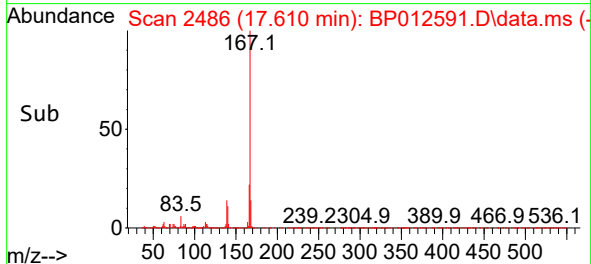
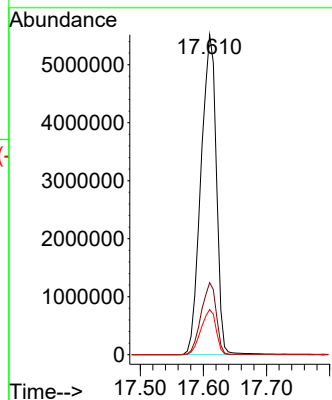
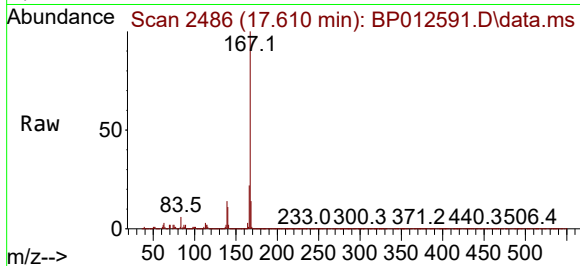




#77
Carbazole
Concen: 119.226 ng/ul
RT: 17.610 min Scan# 2484
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

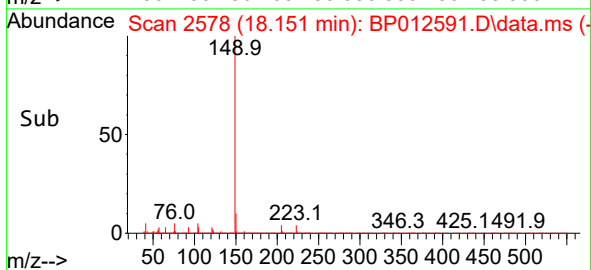
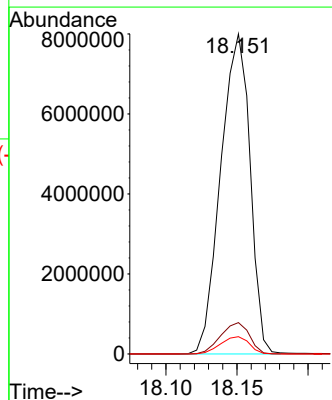
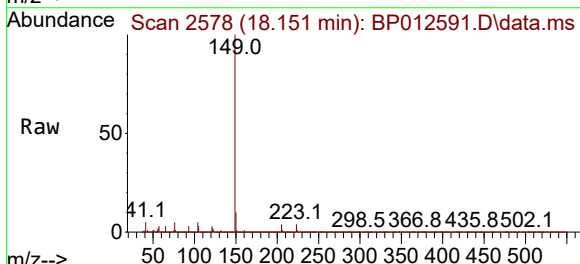
Instrument :
BNA_P
ClientSampleId :
SSTD160615

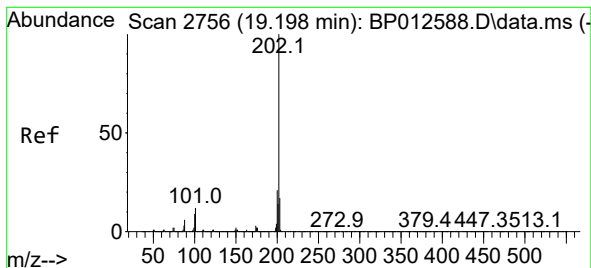
Tgt Ion:167 Resp: 9333039
Ion Ratio Lower Upper
167 100
166 22.5 17.1 25.7
139 14.1 10.2 15.4



#78
Di-n-butylphthalate
Concen: 126.100 ng/ul
RT: 18.151 min Scan# 2578
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:149 Resp:11467801
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.0
104 5.4 3.9 5.9





#80

Fluoranthene

Concen: 168.482 ng/ul

RT: 19.210 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

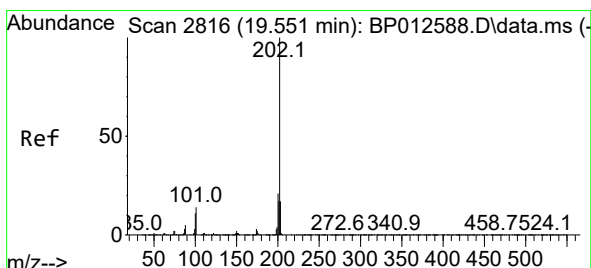
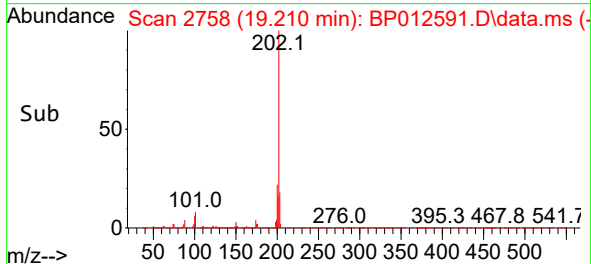
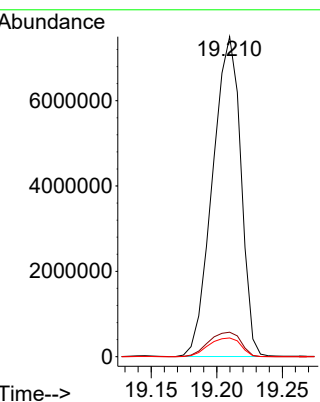
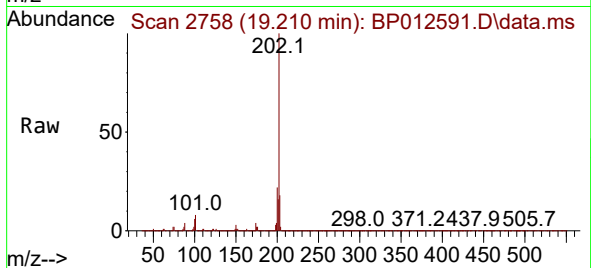
Tgt Ion:202 Resp:11243114

Ion Ratio Lower Upper

202 100

101 7.7 9.4 14.0#

100 5.9 7.0 10.4#



#82

Pyrene

Concen: 152.571 ng/ul

RT: 19.569 min Scan# 2819

Delta R.T. 0.017 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

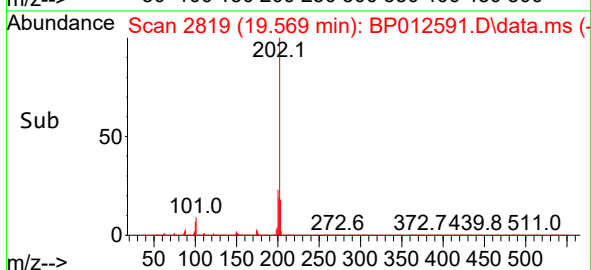
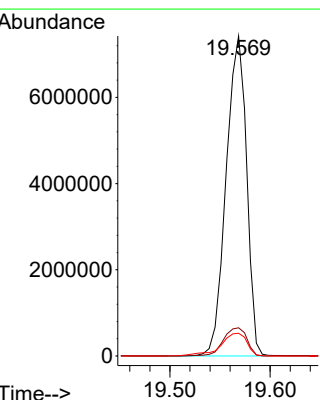
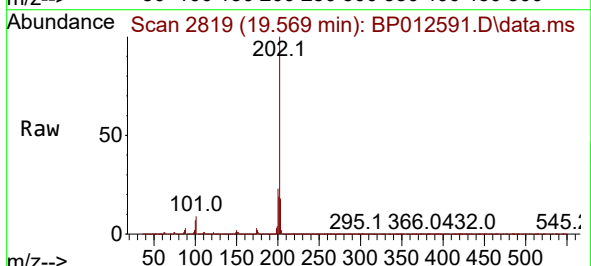
Tgt Ion:202 Resp:10545581

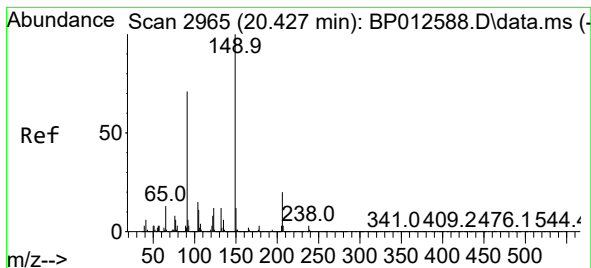
Ion Ratio Lower Upper

202 100

101 8.8 11.3 16.9#

100 7.1 8.9 13.3#





#83

Butylbenzylphthalate

Concen: 192.276 ng/ul

RT: 20.433 min Scan# 2965

Delta R.T. 0.006 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

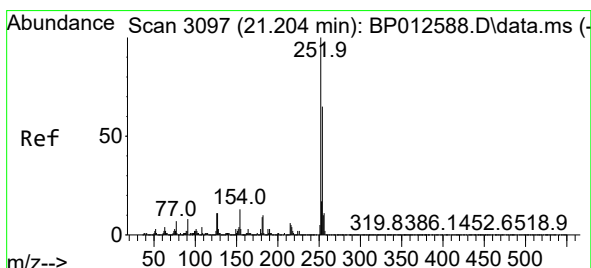
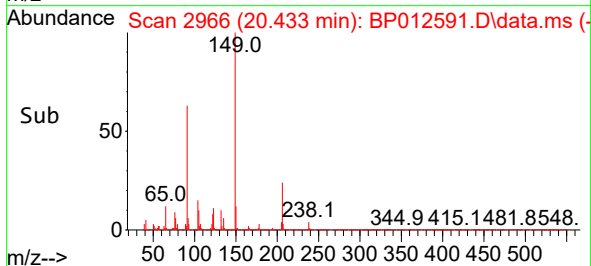
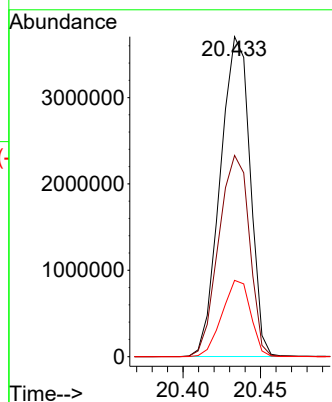
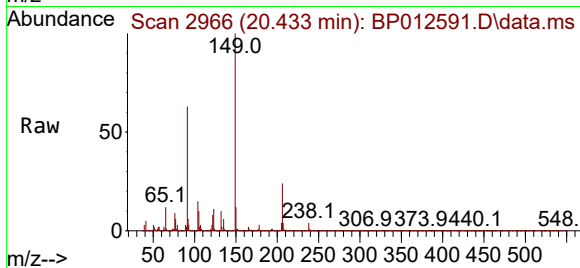
Tgt Ion:149 Resp: 4954826

Ion Ratio Lower Upper

149 100

91 62.9 56.6 85.0

206 23.8 15.8 23.6#



#84

3,3'-Dichlorobenzidine

Concen: 131.237 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. 0.006 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

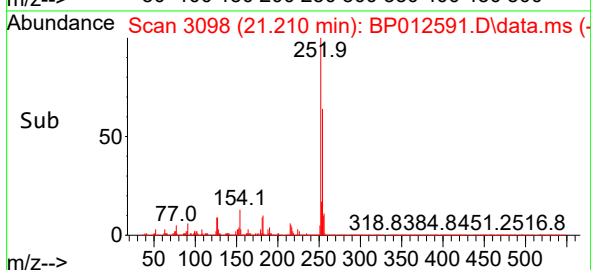
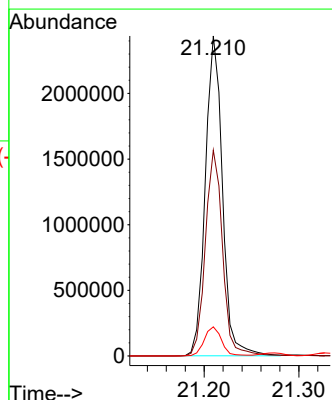
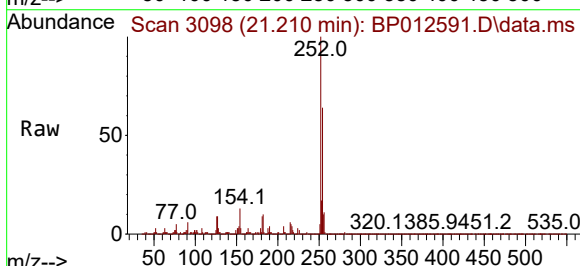
Tgt Ion:252 Resp: 3068942

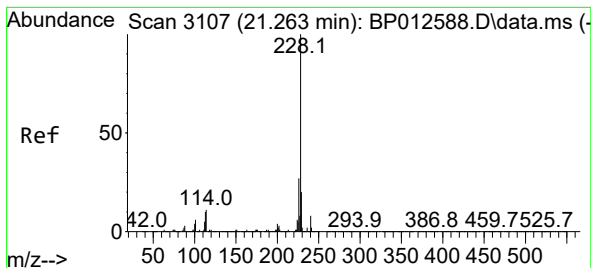
Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

126 9.1 9.0 13.4





#85

Benzo(a)anthracene

Concen: 141.696 ng/ul

RT: 21.274 min Scan# 3107

Delta R.T. 0.012 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

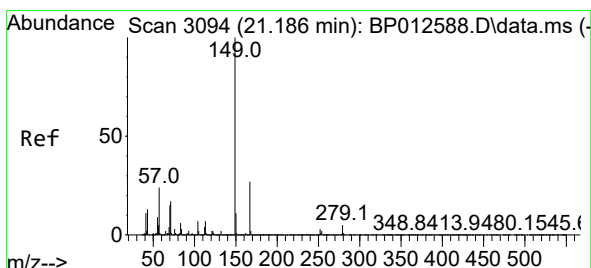
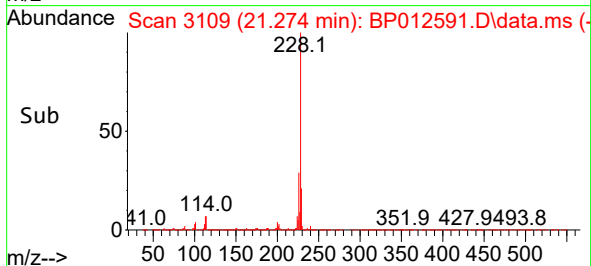
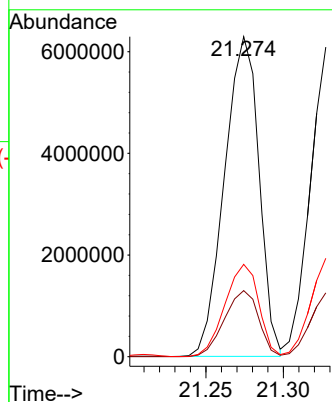
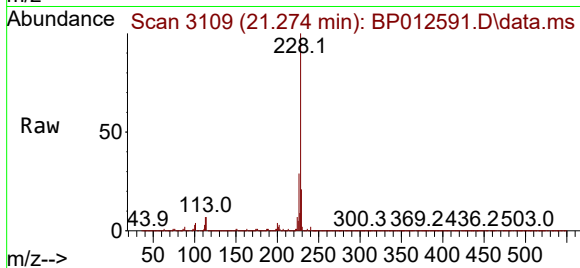
Tgt Ion:228 Resp: 9731550

Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

226 28.9 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 160.890 ng/ul

RT: 21.186 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

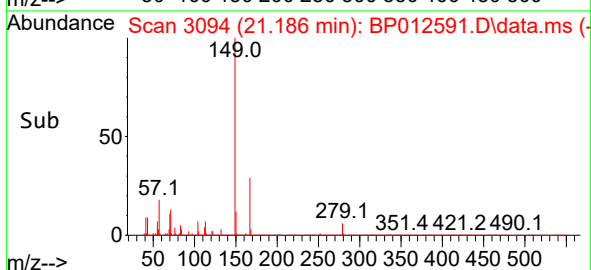
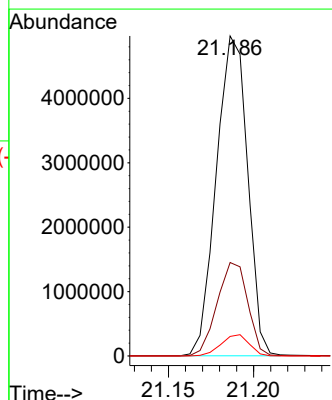
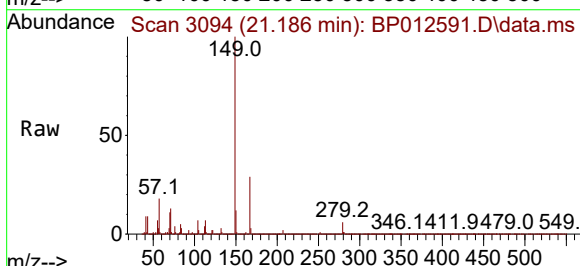
Tgt Ion:149 Resp: 6339637

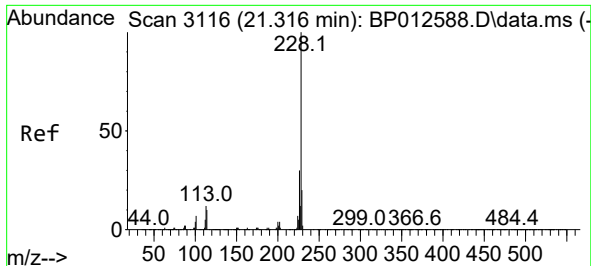
Ion Ratio Lower Upper

149 100

167 29.2 21.6 32.4

279 6.1 3.8 5.6

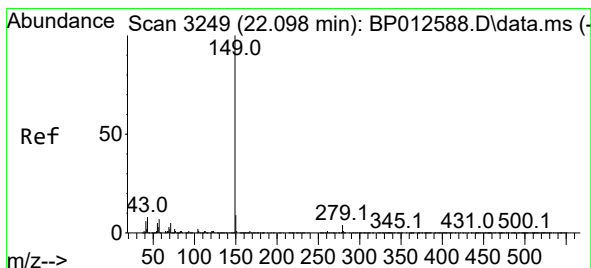
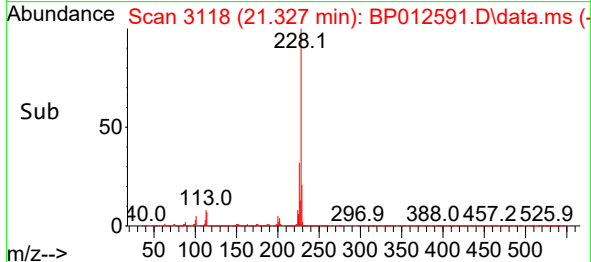
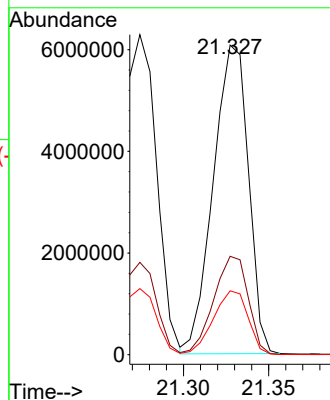
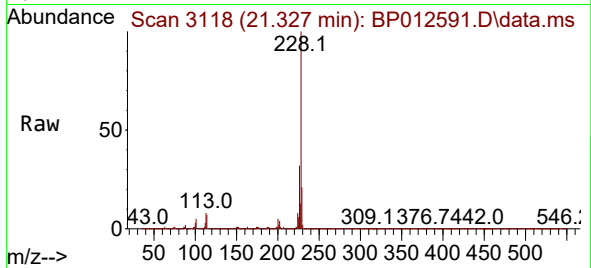




#87
Chrysene
Concen: 135.840 ng/ul
RT: 21.327 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

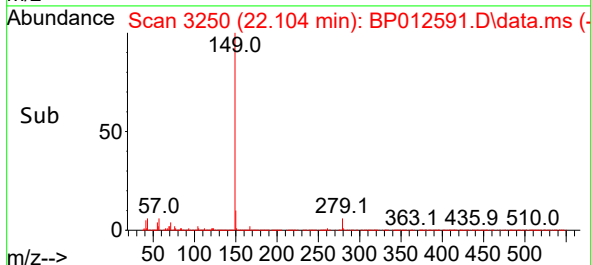
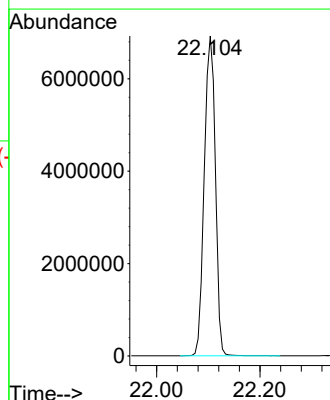
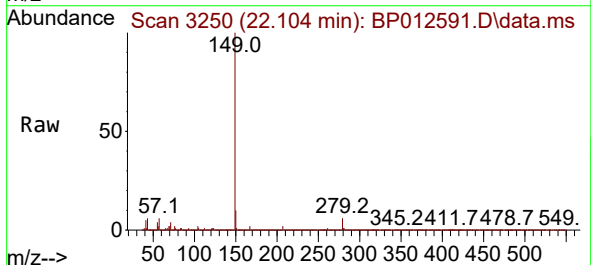
Instrument :
BNA_P
ClientSampleId :
SSTD160615

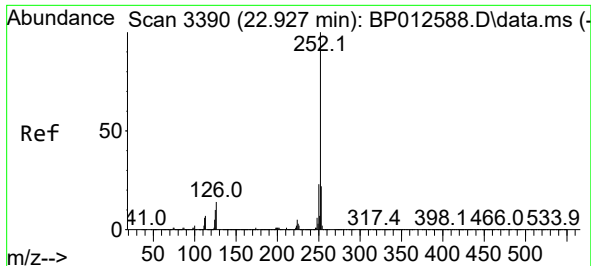
Tgt Ion:228 Resp: 8721579
Ion Ratio Lower Upper
228 100
226 31.8 24.1 36.1
229 20.6 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 159.397 ng/ul
RT: 22.104 min Scan# 3250
Delta R.T. 0.006 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:149 Resp:10315279

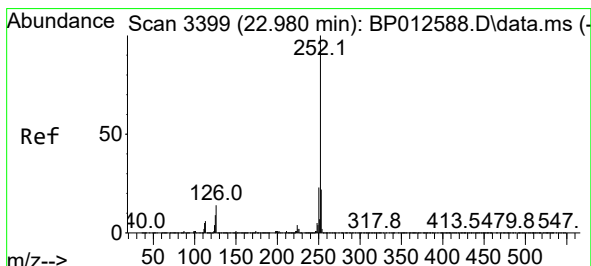
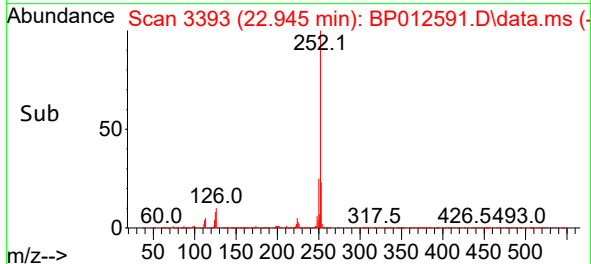
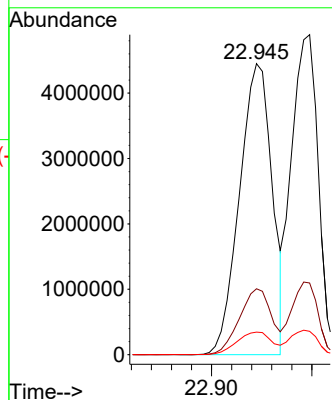
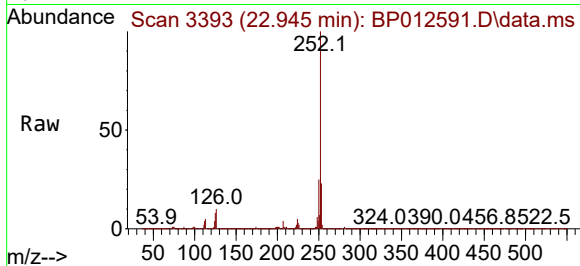




#90
Benzo(b)fluoranthene
Concen: 146.615 ng/ul
RT: 22.945 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

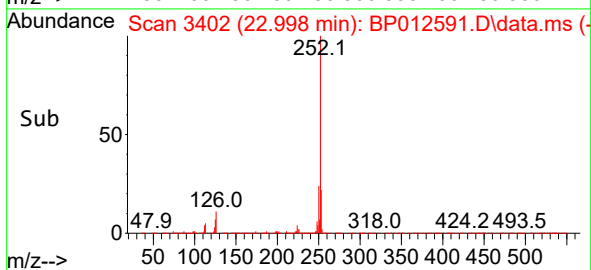
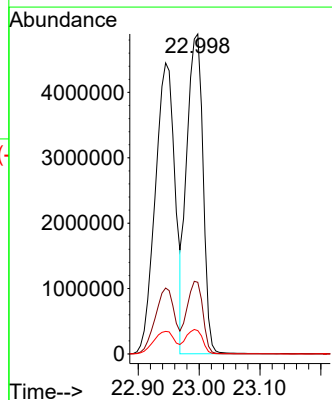
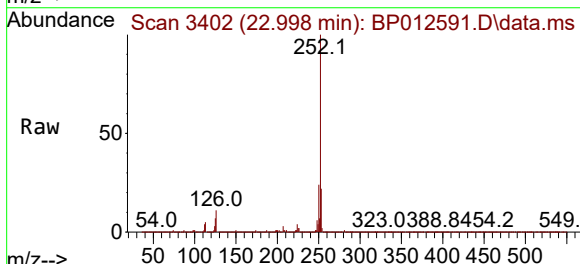
Instrument :
BNA_P
ClientSampleId :
SSTD160615

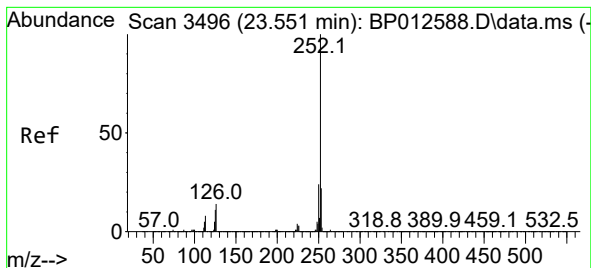
Tgt Ion:252 Resp:10072755
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 7.8 8.2 12.4#



#91
Benzo(k)fluoranthene
Concen: 138.001 ng/ul
RT: 22.998 min Scan# 3402
Delta R.T. 0.018 min
Lab File: BP012591.D
Acq: 09 Nov 2022 16:33

Tgt Ion:252 Resp: 9035599
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.3 7.9 11.9#





#93

Benzo(a)pyrene

Concen: 142.281 ng/ul

RT: 23.574 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

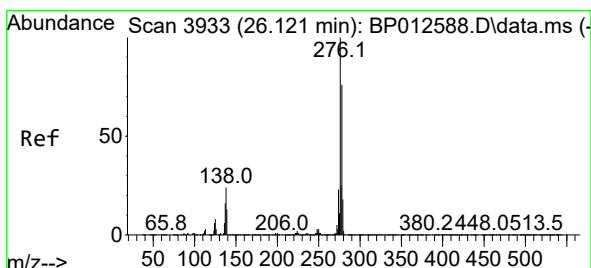
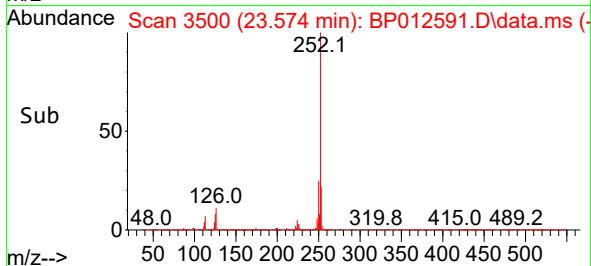
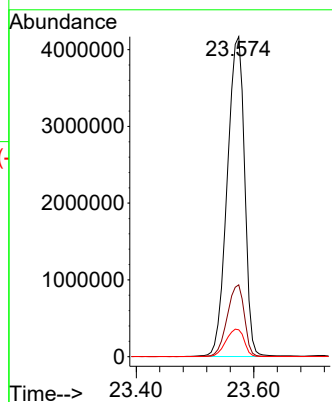
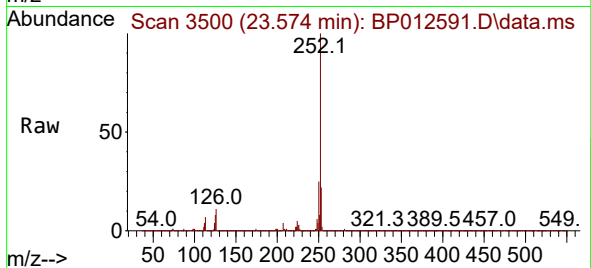
Tgt Ion:252 Resp: 8536219

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.4 8.9 13.3#



#94

Indeno(1,2,3-cd)pyrene

Concen: 158.931 ng/ul

RT: 26.151 min Scan# 3938

Delta R.T. 0.029 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

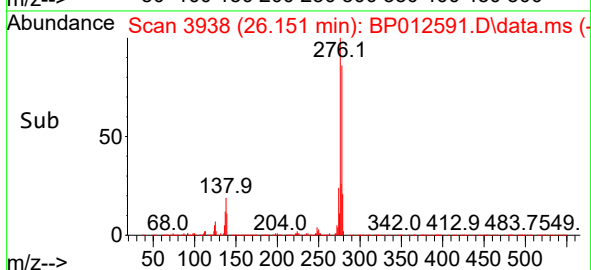
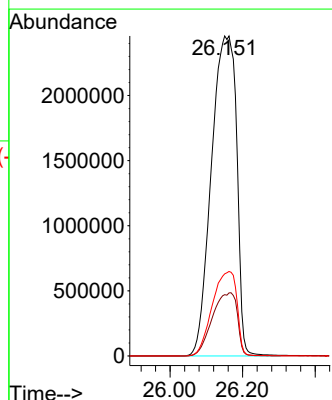
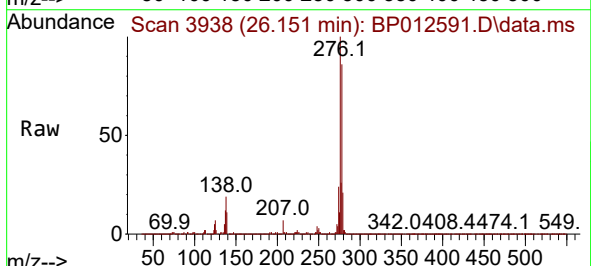
Tgt Ion:276 Resp:11881656

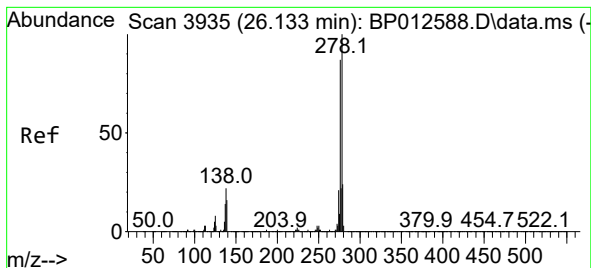
Ion Ratio Lower Upper

276 100

138 19.2 19.1 28.7

277 25.7 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 152.430 ng/ul

RT: 26.174 min Scan# 3935

Delta R.T. 0.041 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Instrument :

BNA_P

ClientSampleId :

SSTD160615

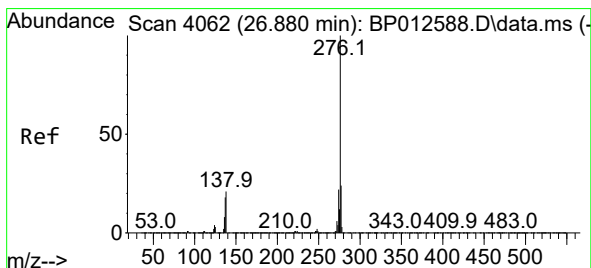
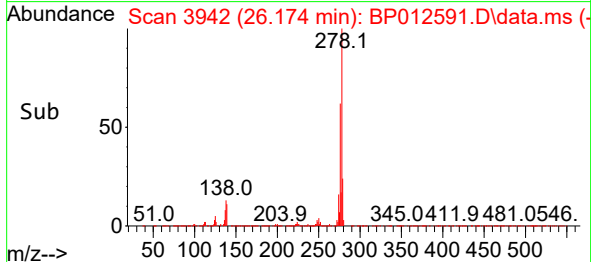
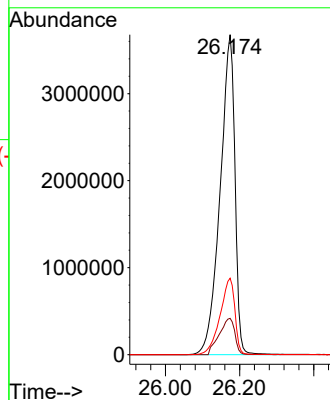
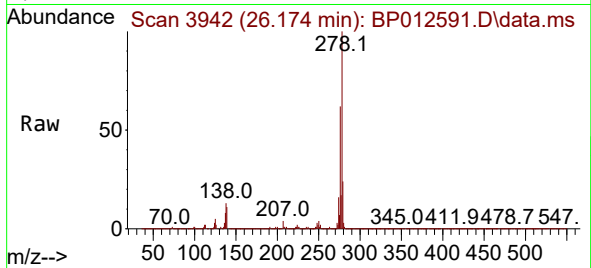
Tgt Ion:278 Resp:10203664

Ion Ratio Lower Upper

278 100

139 11.3 12.8 19.2#

279 23.9 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 170.276 ng/ul

RT: 26.921 min Scan# 4069

Delta R.T. 0.041 min

Lab File: BP012591.D

Acq: 09 Nov 2022 16:33

Tgt Ion:276 Resp:11252913

Ion Ratio Lower Upper

276 100

138 18.0 17.0 25.6

277 24.0 19.4 29.0

