

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120722\
 Data File : BP012972.D
 Acq On : 07 Dec 2022 15:37
 Operator : CG/JU
 Sample : SSTD16016
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160643

Quant Time: Dec 08 00:01:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 23:53:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	561825	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	2450656	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	1595087	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	3566961	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	3058515	20.000	ng/ul	0.01
88) Perylene-d12	23.957	264	3465423	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	837276	66.315	ng/uL	0.00
4) Pyridine-d5	3.781	84	6043377	148.321	ng/ul	0.00
7) Phenol-d5	7.152	99	7707844	148.561	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.316	67	4190183	142.649	ng/ul	0.01
11) 2-Chlorophenol-d4	7.516	132	6143010	161.542	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	6124667	143.766	ng/ul	0.02
21) Nitrobenzene-d5	9.163	128	3185018	182.759	ng/ul	0.02
24) 2-Nitrophenol-d4	9.881	143	3781009	189.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	6486976	162.472	ng/ul	0.01
31) 4-Chloroaniline-d4	10.946	131	8345176	147.933	ng/ul	0.02
46) Dimethylphthalate-d6	14.040	166	16484040	143.282	ng/ul	0.02
49) Acenaphthylene-d8	14.316	160	17647419	138.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	3666246	155.802	ng/ul	0.04
60) Fluorene-d10	15.622	176	13827157	136.741	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.751	200	3981682	190.260	ng/ul	0.02
73) Anthracene-d10	17.381	188	3566961	22.624	ng/ul	-0.09
81) Pyrene-d10	0.000	212	0	0.000	ng/ul	
92) Benzo(a)pyrene-d12	23.957	264	2847674	16.818	ng/ul	0.17
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	866002	64.385	ng/uL	99
5) Pyridine	3.805	79	5958163	150.109	ng/ul	96
6) Benzaldehyde	7.116	77	2854658	111.976	ng/ul	96
8) Phenol	7.181	94	7554510	140.243	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.410	93	5831892	140.349	ng/ul	98
12) 2-Chlorophenol	7.552	128	6044064	148.519	ng/ul	97
13) 2-Methylphenol	8.434	108	5875372	139.500	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	7843423	134.711	ng/ul	98
16) Acetophenone	8.828	105	8179691	123.963	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.840	70	3821678	113.929	ng/ul	95
18) 4-Methylphenol	8.787	108	6467875	137.516	ng/ul	98
19) Hexachloroethane	9.069	117	2327009	154.842	ng/ul	95
22) Nitrobenzene	9.205	77	6455990	153.578	ng/ul	95
23) Isophorone	9.752	82	12844536	143.034	ng/ul	98
25) 2-Nitrophenol	9.916	139	3758336	167.507	ng/ul	96
26) 2,4-Dimethylphenol	9.975	107	6440989	146.175	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.216	93	7948491	146.167	ng/ul	99
29) 2,4-Dichlorophenol	10.452	162	6064391	149.360	ng/ul	98
30) Naphthalene	10.851	128	17094736	132.218	ng/ul#	94
32) 4-Chloroaniline	10.969	127	7934704	136.749	ng/ul	98
33) Hexachlorobutadiene	11.134	225	4111421	160.770	ng/ul	98
34) Caprolactam	11.816	113	1178661	77.407	ng/ul	91
35) 4-Chloro-3-methylphenol	12.098	107	6228338	138.784	ng/ul	95
36) 2-Methylnaphthalene	12.457	142	12216841	130.322	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	12310656	130.407	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	7419842	153.230	ng/ul	98
40) Hexachlorocyclopentadiene	12.798	237	5561497	225.548	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	5390933	162.442	ng/ul	99
42) 2,4,5-Trichlorophenol	13.140	196	5867648	164.380	ng/ul	100
43) 1,1'-Biphenyl	13.457	154	14745903	130.973	ng/ul	97
44) 2-Chloronaphthalene	13.510	162	13005264	144.320	ng/ul	98
45) 2-Nitroaniline	13.716	65	3890264	160.391	ng/ul	89
47) Dimethylphthalate	14.087	163	15499765	128.970	ng/ul#	95
48) 2,6-Dinitrotoluene	14.216	165	4078581	181.909	ng/ul	90
51) 3-Nitroaniline	14.545	138	3777798	151.610	ng/ul	94
52) Acenaphthene	14.692	153	13080282	132.615	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	3100583	193.276	ng/ul#	90
55) 4-Nitrophenol	14.863	109	2323157	140.958	ng/ul	95
56) Dibenzofuran	15.022	168	16197401	115.953	ng/ul	93
57) 2,4-Dinitrotoluene	14.998	165	5628675	167.715	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.251	232	5209444	154.978	ng/ul	94
59) Diethylphthalate	15.451	149	15243835	127.267	ng/ul#	90
61) Fluorene	15.681	166	12660731	109.637	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	7130024	119.531	ng/ul	99
63) 4-Nitroaniline	15.728	138	3324316	140.472	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.769	198	3707950	167.204	ng/ul	95
67) N-Nitrosodiphenylamine	15.887	169	13011086	133.438	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	5855786	165.842	ng/ul	95
69) Hexachlorobenzene	16.686	284	6800684	154.181	ng/ul	97
70) Atrazine	16.851	200	5870749	162.239	ng/ul	99
71) Pentachlorophenol	17.028	266	4673152	163.593	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.428	216	7759202	163.292	ng/uL	98
76) Pentachlorobenzene	14.945	250	7559941	142.908	ng/uL	99
80) Fluoranthene	19.322	202	84702	0.475	ng/ul#	61
83) Butylbenzylphthalate	20.598	149	11792239	157.825	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.380	252	10354563	154.977	ng/ul	99
85) Benzo(a)anthracene	21.504	228	3595788	18.624	ng/ul#	70
86) Bis(2-ethylhexyl)phtha...	21.351	149	13328653	122.329	ng/ul#	84
87) Chrysene	21.504	228	3595788	19.850	ng/ul#	74
90) Benzo(b)fluoranthene	23.245	252	1074476	4.873	ng/ul	92
91) Benzo(k)fluoranthene	23.245	252	1074476	5.139	ng/ul	92
93) Benzo(a)pyrene	24.010	252	35704	0.183	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.604	276	33245620	139.547	ng/ul	98
95) Dibenzo(a,h)anthracene	26.627	278	26358782	123.572	ng/ul	98
96) Benzo(g,h,i)perylene	27.415	276	27468179	132.821	ng/ul	99

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

BNA P

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SSTD160643

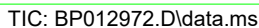
Quant Time: Dec 08 00:01:22 2022

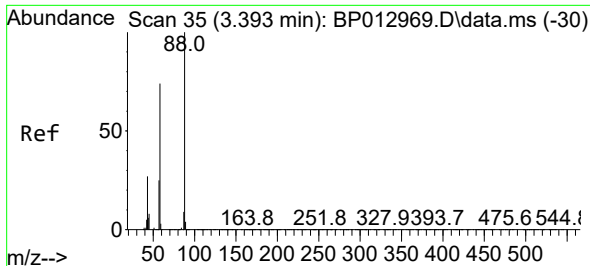
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Quant Title : SVOA CALIBRATION

QLast Update : Wed Dec 07 23:53:54 2022

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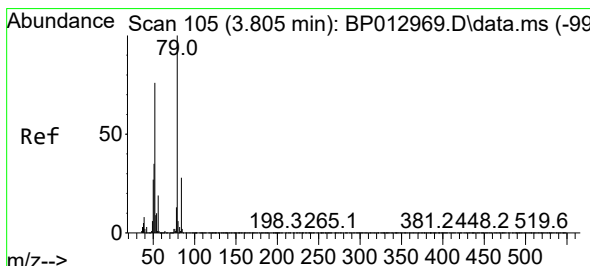
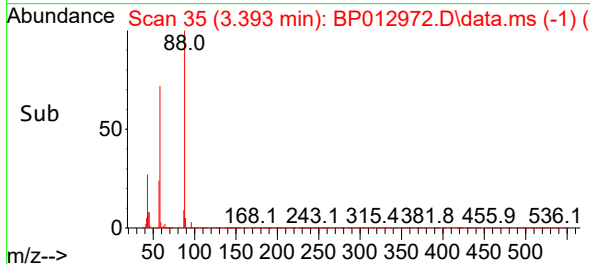
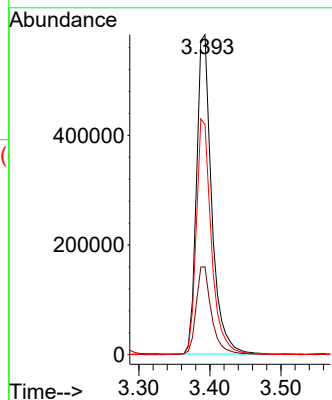
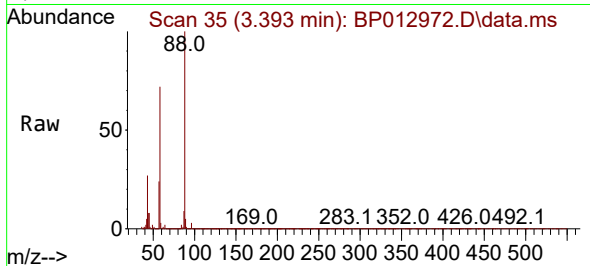




#2
1,4-Dioxane
Concen: 64.385 ng/uL
RT: 3.393 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

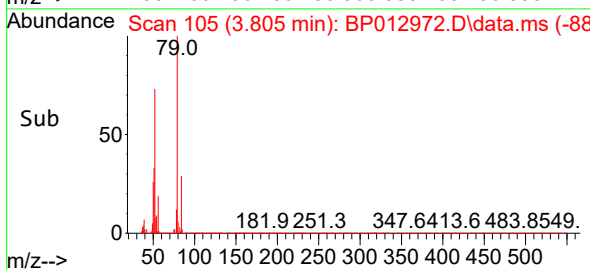
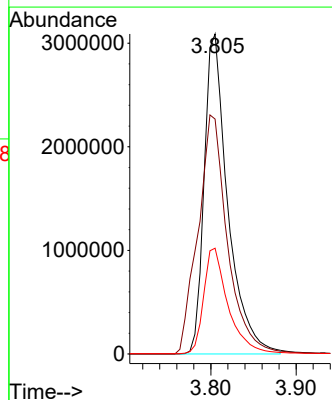
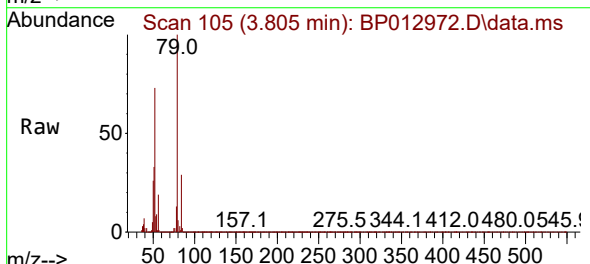
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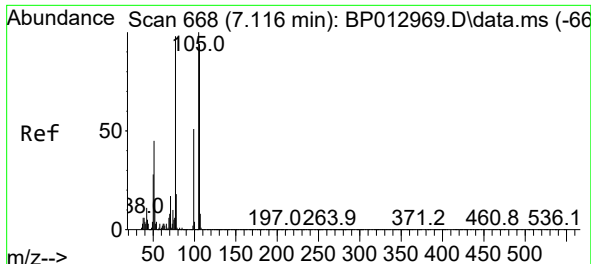
Tgt Ion: 88 Resp: 866002
Ion Ratio Lower Upper
88 100
43 27.4 22.4 33.6
58 71.8 58.2 87.4



#5
Pyridine
Concen: 150.109 ng/uL
RT: 3.805 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion: 79 Resp: 5958163
Ion Ratio Lower Upper
79 100
52 73.4 60.7 91.1
51 33.1 28.9 43.3

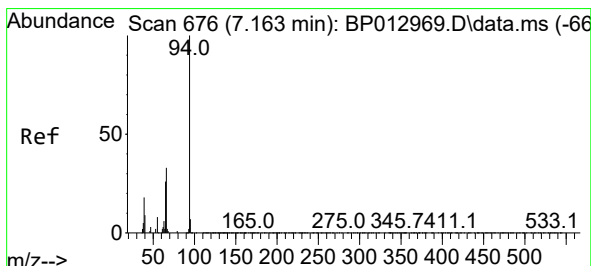
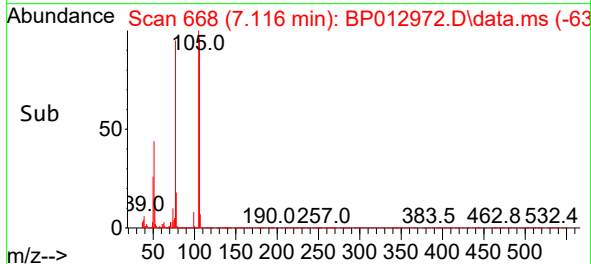
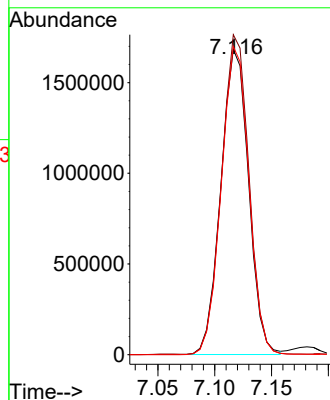
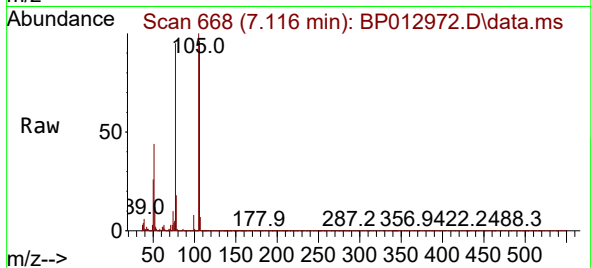




#6
Benzaldehyde
Concen: 111.976 ng/ul
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

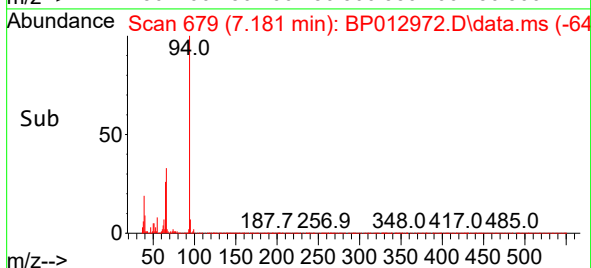
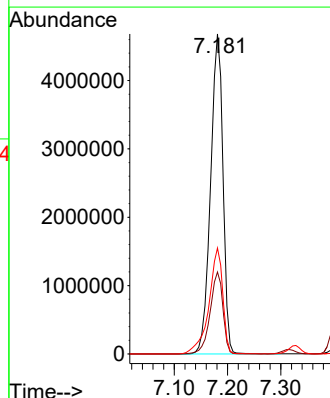
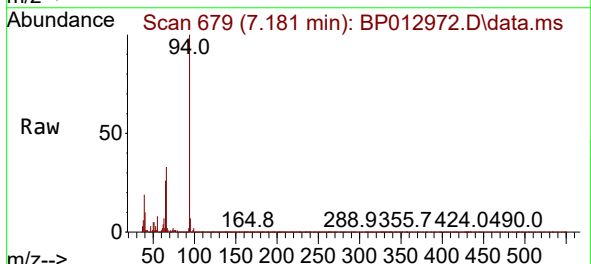
Instrument :
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ClientSampleId :
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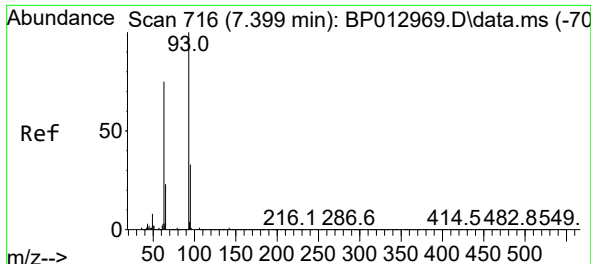
Tgt Ion: 77 Resp: 2854658
Ion Ratio Lower Upper
77 100
105 104.8 81.5 122.3
106 101.0 76.9 115.3



#8
Phenol
Concen: 140.243 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion: 94 Resp: 7554510
Ion Ratio Lower Upper
94 100
65 25.6 21.1 31.7
66 33.1 27.0 40.6

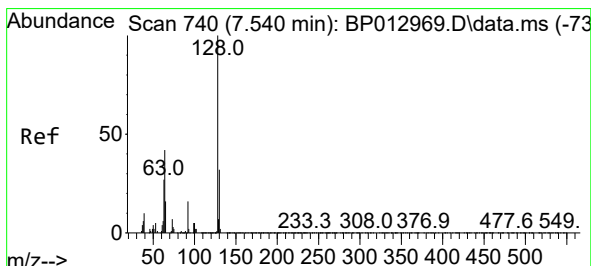
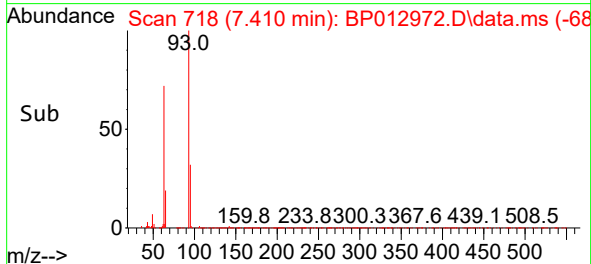
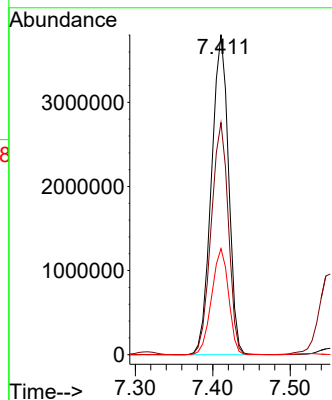
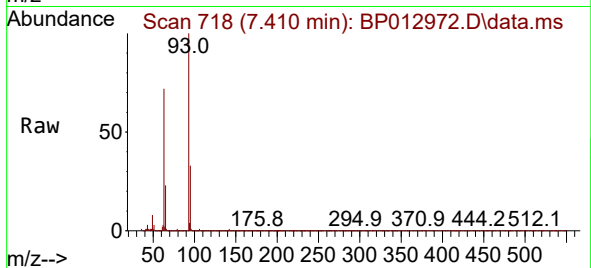




#10
Bis(2-Chloroethyl)ether
Concen: 140.349 ng/ul
RT: 7.410 min Scan# 716
Delta R.T. 0.012 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

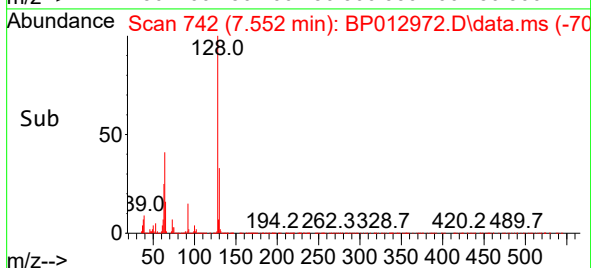
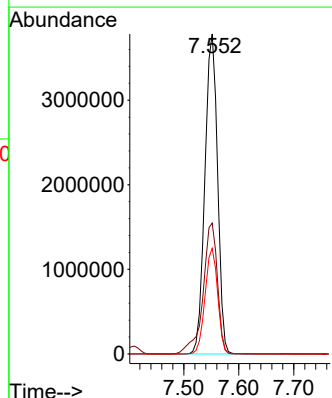
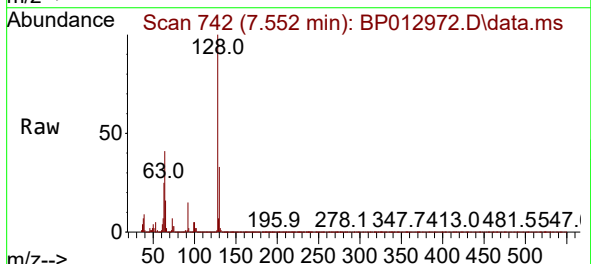
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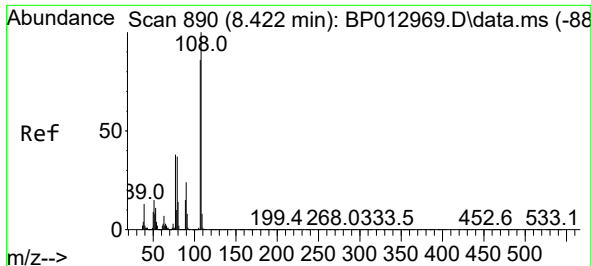
Tgt Ion: 93 Resp: 5831892
Ion Ratio Lower Upper
93 100
63 72.5 59.8 89.8
95 33.2 26.4 39.6



#12
2-Chlorophenol
Concen: 148.519 ng/ul
RT: 7.552 min Scan# 742
Delta R.T. 0.012 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:128 Resp: 6044064
Ion Ratio Lower Upper
128 100
64 40.9 34.9 52.3
130 33.0 25.8 38.6





#13

2-Methylphenol

Concen: 139.500 ng/ul

RT: 8.434 min Scan# 890

Delta R.T. 0.012 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

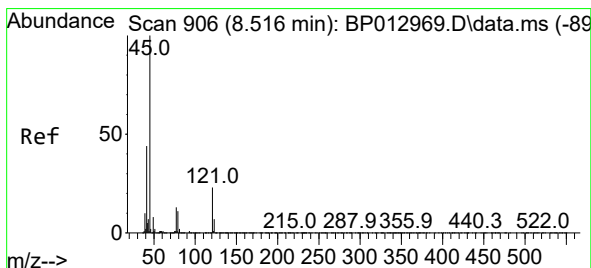
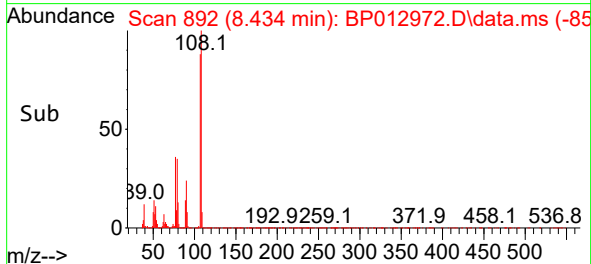
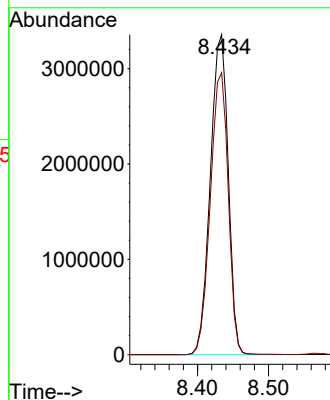
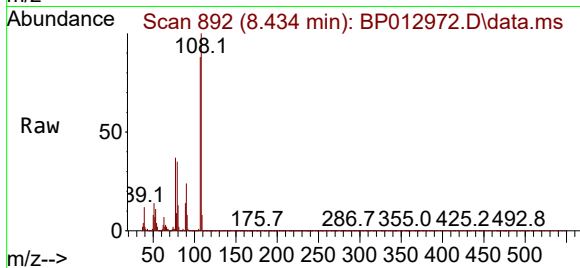
SSTD160643

Tgt Ion:108 Resp: 5875372

Ion Ratio Lower Upper

108 100

107 88.1 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 134.711 ng/ul

RT: 8.522 min Scan# 907

Delta R.T. 0.006 min

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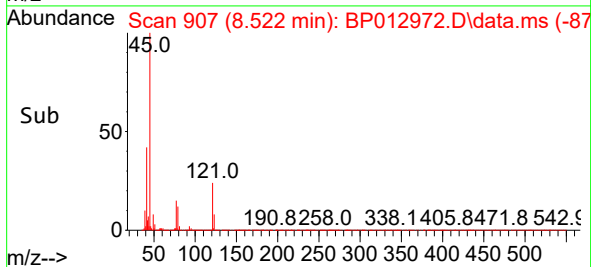
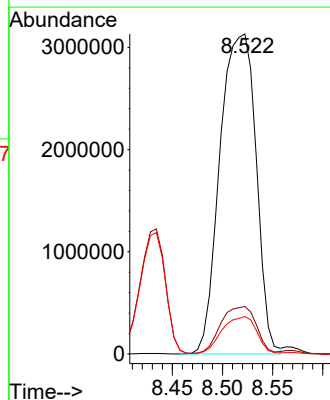
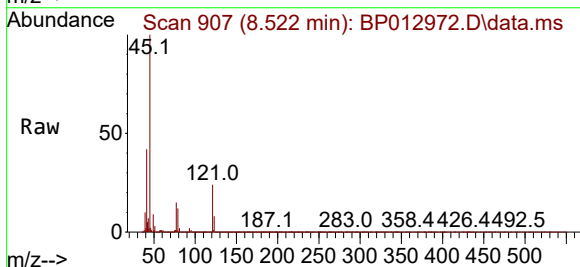
Tgt Ion: 45 Resp: 7843423

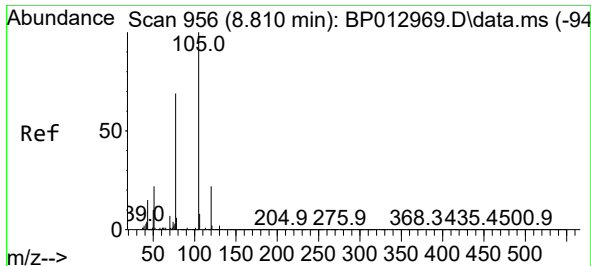
Ion Ratio Lower Upper

45 100

77 14.8 11.0 16.6

79 11.7 9.3 13.9

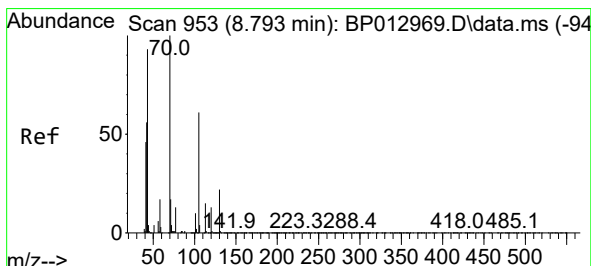
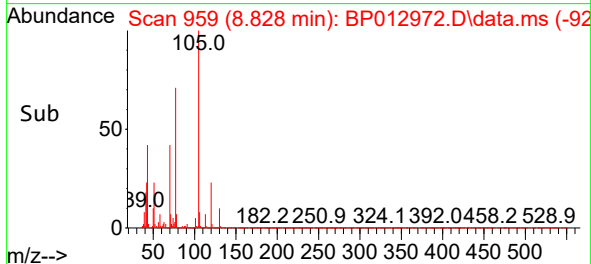
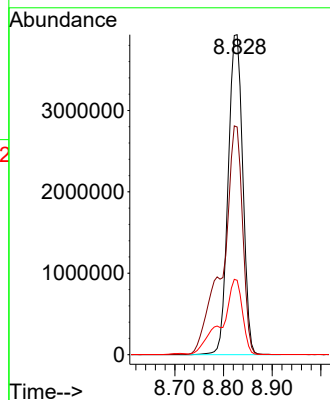
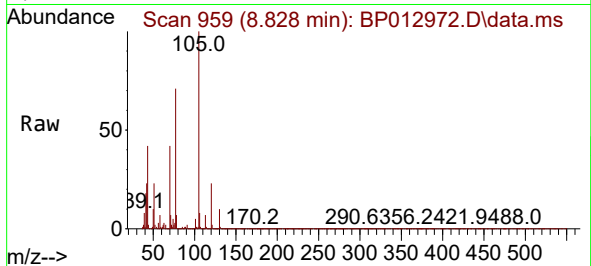




#16
Acetophenone
Concen: 123.963 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP012972.D
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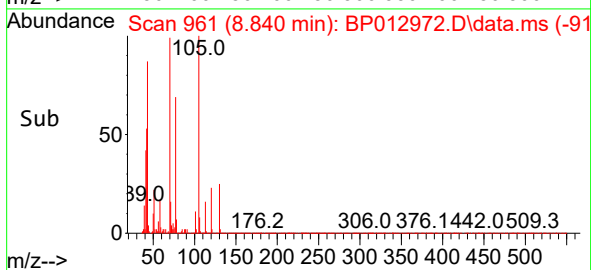
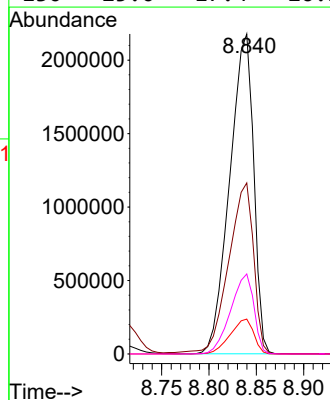
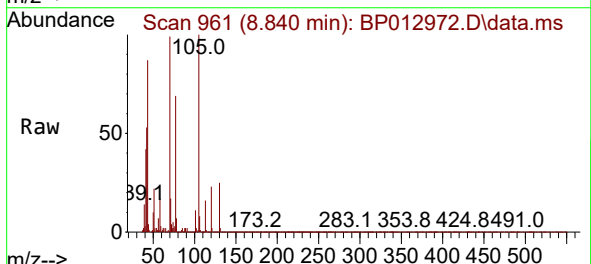
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SSTD160643

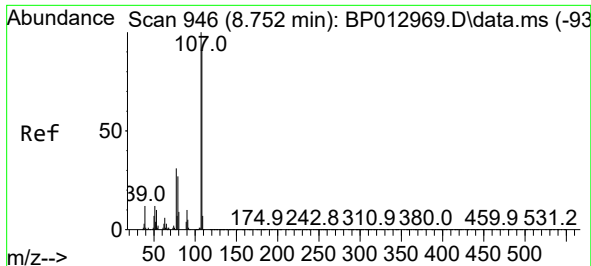
Tgt Ion:105 Resp: 8179691
Ion Ratio Lower Upper
105 100
77 71.1 59.3 88.9
51 23.2 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 113.929 ng/ul
RT: 8.840 min Scan# 961
Delta R.T. 0.047 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion: 70 Resp: 3821678
Ion Ratio Lower Upper
70 100
42 53.5 45.5 68.3
101 10.9 7.9 11.9
130 25.0 17.4 26.2

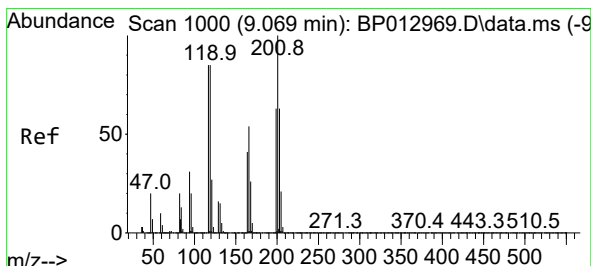
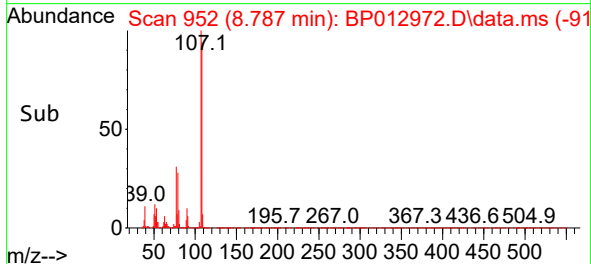
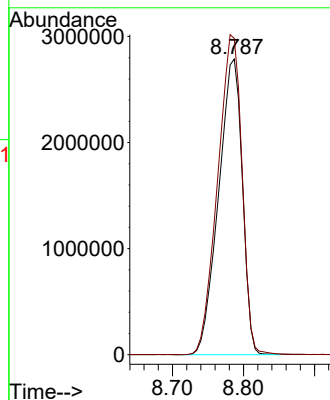
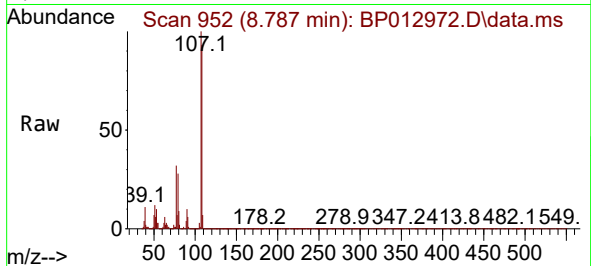




#18
4-Methylphenol
Concen: 137.516 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.035 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

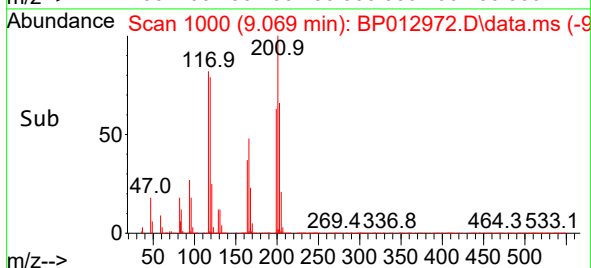
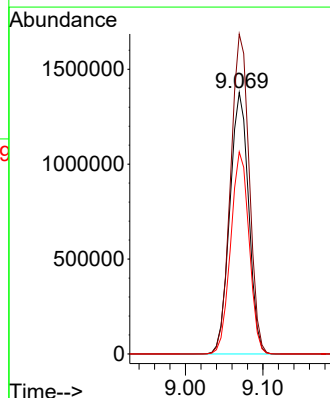
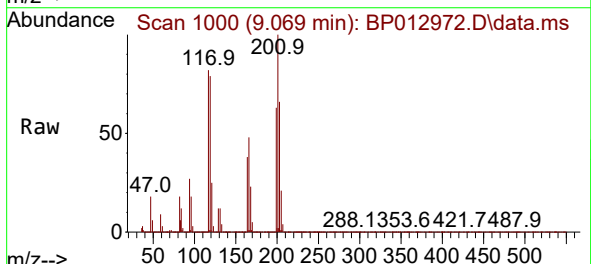
Instrument :
BNA_P
ClientSampleId :
SSTD160643

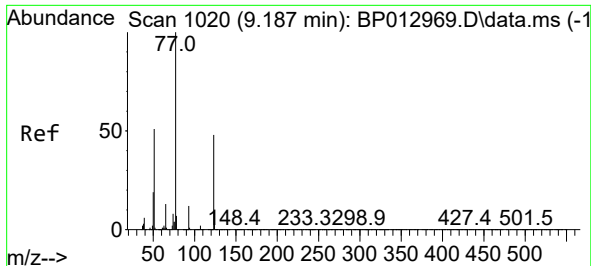
Tgt Ion:108 Resp: 6467875
Ion Ratio Lower Upper
108 100
107 107.0 87.4 131.2



#19
Hexachloroethane
Concen: 154.842 ng/ul
RT: 9.069 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:117 Resp: 2327009
Ion Ratio Lower Upper
117 100
201 122.4 93.7 140.5
199 77.3 58.6 88.0

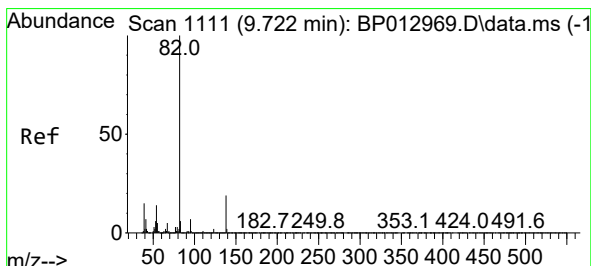
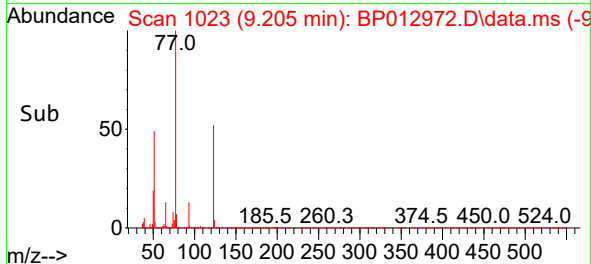
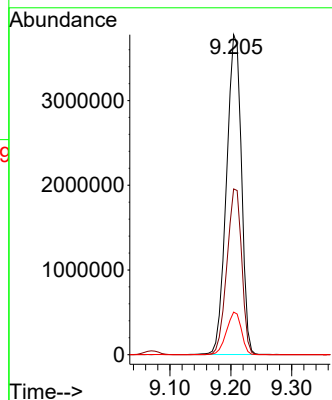
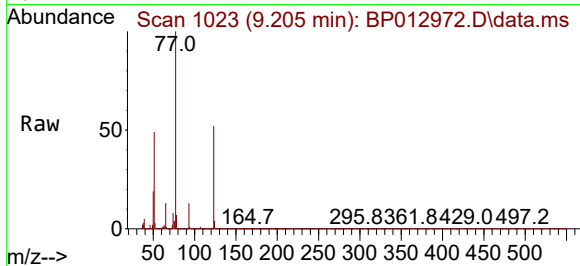




#22
Nitrobenzene
Concen: 153.578 ng/ul
RT: 9.205 min Scan# 1023
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

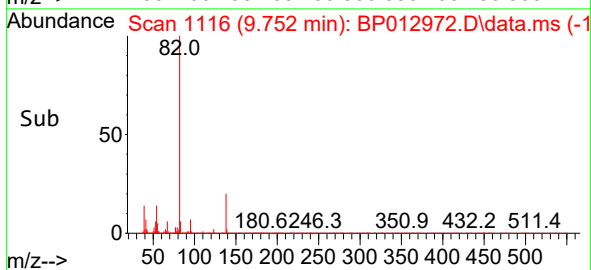
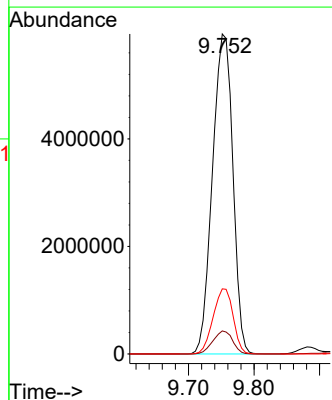
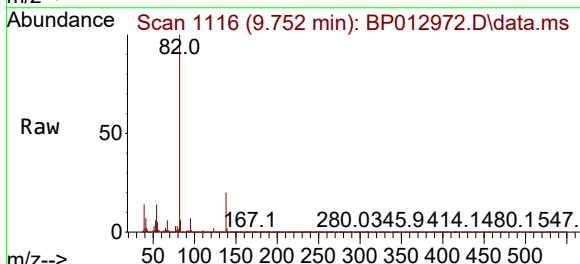
Instrument :
BNA_P
ClientSampleId :
SSTD160643

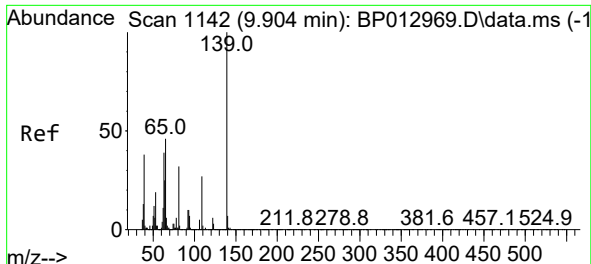
Tgt Ion: 77 Resp: 6455990
Ion Ratio Lower Upper
77 100
123 51.8 38.3 57.5
65 13.3 10.3 15.5



#23
Isophorone
Concen: 143.034 ng/ul
RT: 9.752 min Scan# 1116
Delta R.T. 0.029 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion: 82 Resp: 12844536
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 20.4 15.3 22.9

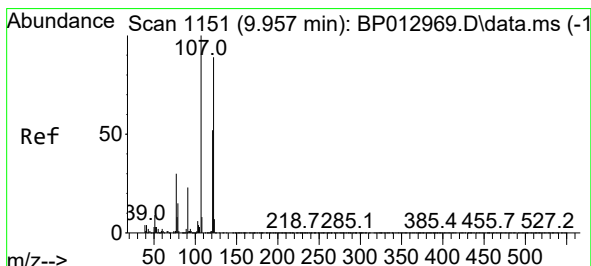
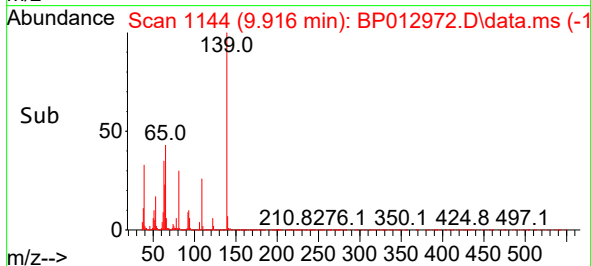
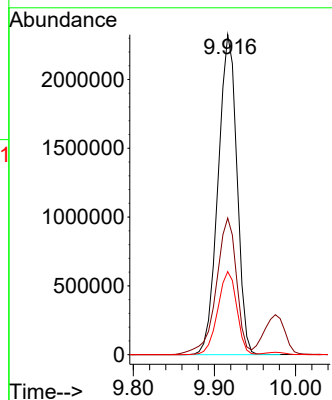
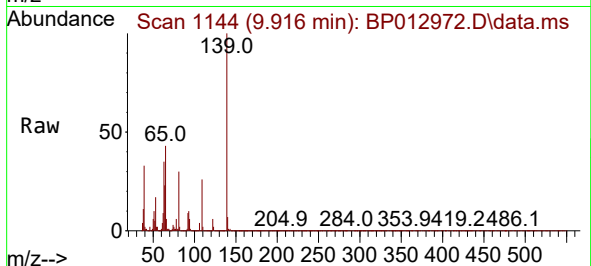




#25
2-Nitrophenol
Concen: 167.507 ng/ul
RT: 9.916 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

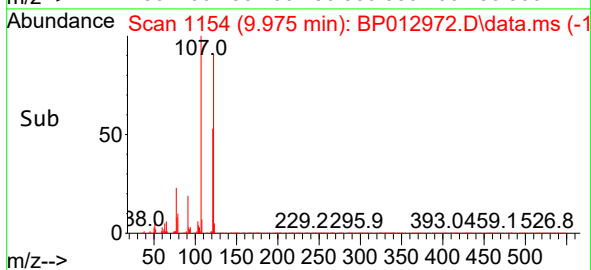
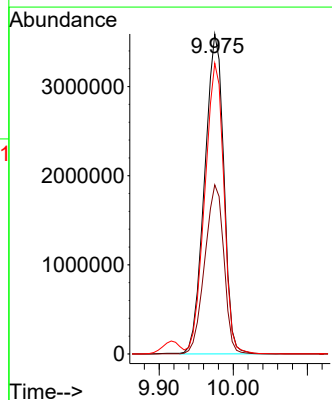
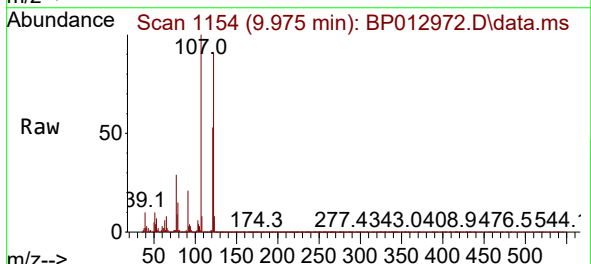
Instrument :
BNA_P
ClientSampleId :
SSTD160643

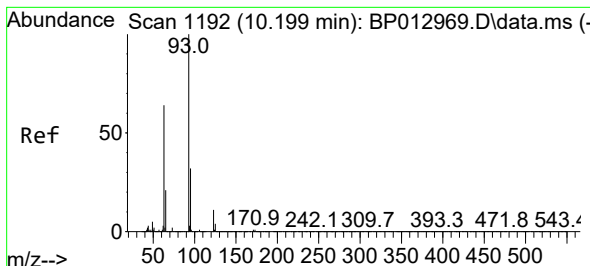
Tgt Ion:139 Resp: 3758336
Ion Ratio Lower Upper
139 100
65 42.7 36.6 54.8
109 25.9 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 146.175 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:107 Resp: 6440989
Ion Ratio Lower Upper
107 100
121 52.9 41.8 62.6
122 90.9 72.6 108.8



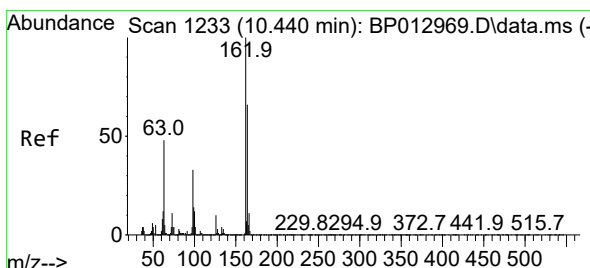
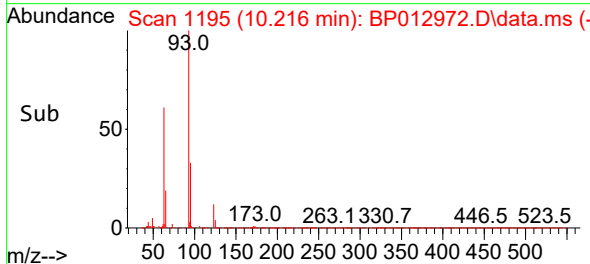
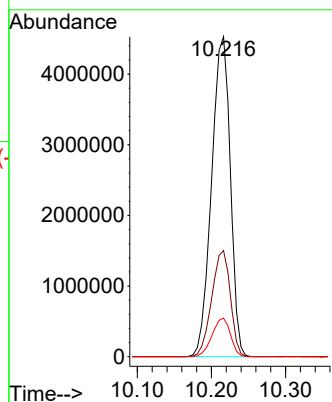
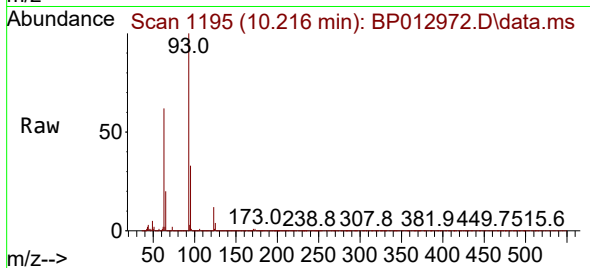


#27
 Bis(2-Chloroethoxy)methane
 Concen: 146.167 ng/ul
 RT: 10.216 min Scan# 1195
 Delta R.T. 0.018 min
 Lab File: BP012972.D
 Acq: 07 Dec 2022 15:37

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160643

Tgt Ion: 93 Resp: 7948491

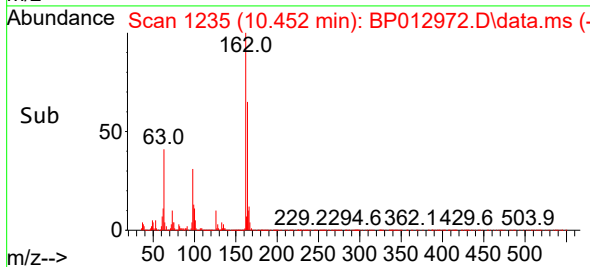
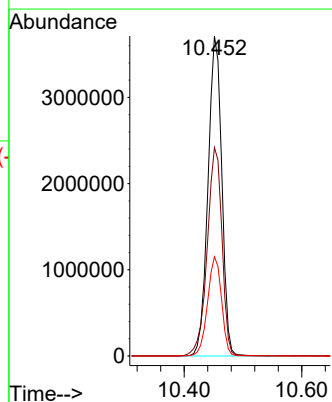
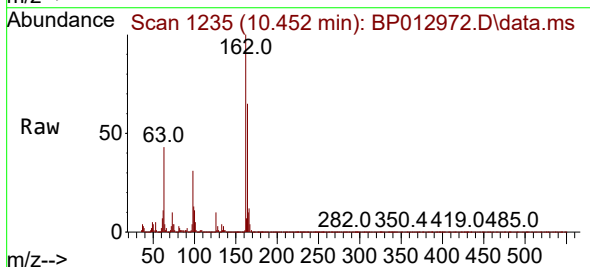
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	12.1	9.2	13.8

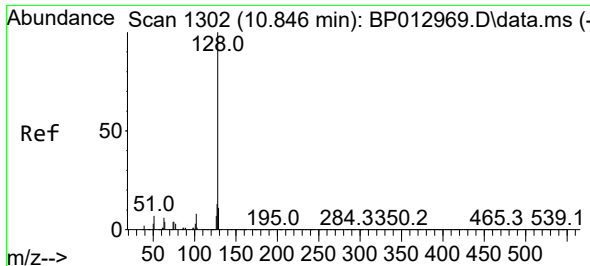


#29
 2,4-Dichlorophenol
 Concen: 149.360 ng/ul
 RT: 10.452 min Scan# 1235
 Delta R.T. 0.012 min
 Lab File: BP012972.D
 Acq: 07 Dec 2022 15:37

Tgt Ion: 162 Resp: 6064391

Ion	Ratio	Lower	Upper
162	100		
164	65.2	52.5	78.7
98	31.0	26.6	39.8

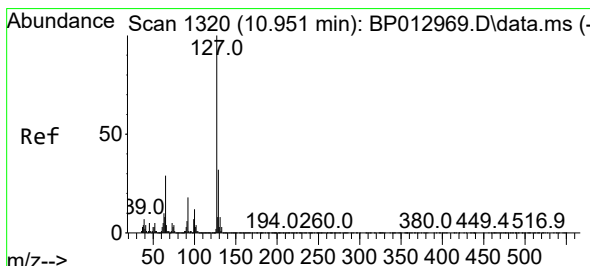
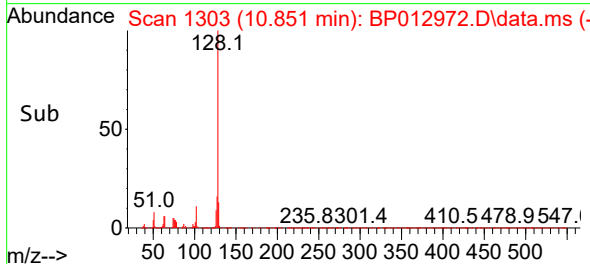
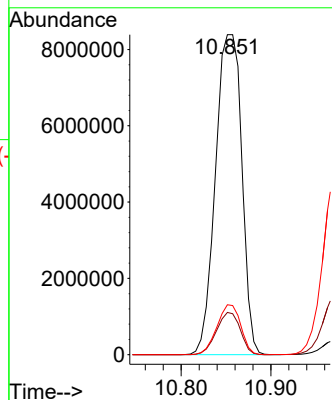
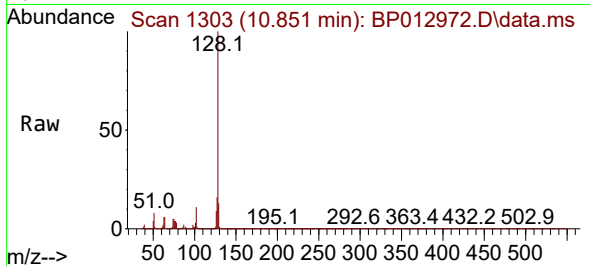




#30
Naphthalene
Concen: 132.218 ng/ul
RT: 10.851 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

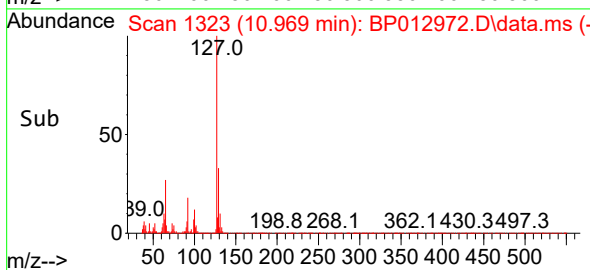
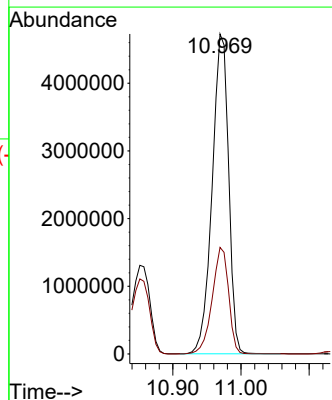
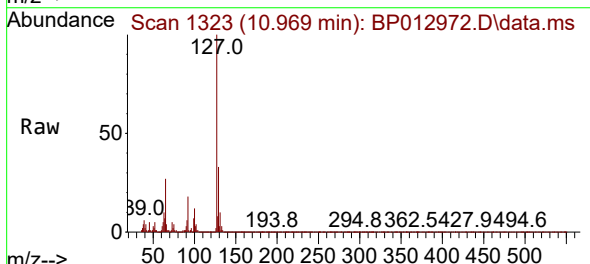
Instrument :
BNA_P
ClientSampleId :
SSTD160643

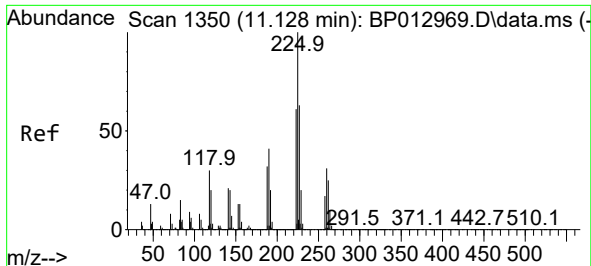
Tgt Ion:128 Resp:17094736
Ion Ratio Lower Upper
128 100
129 13.2 8.7 13.1#
127 15.6 10.4 15.6#



#32
4-Chloroaniline
Concen: 136.749 ng/ul
RT: 10.969 min Scan# 1323
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:127 Resp: 7934704
Ion Ratio Lower Upper
127 100
129 33.3 25.6 38.4

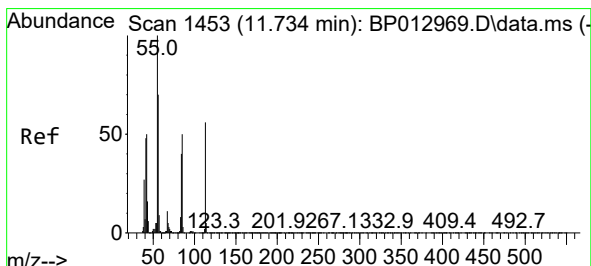
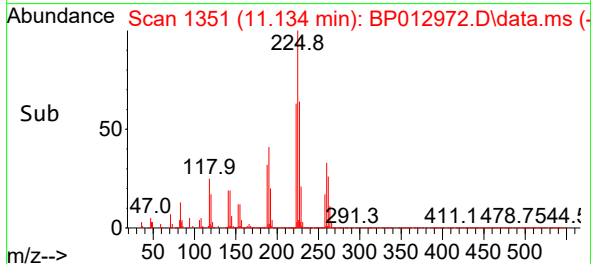
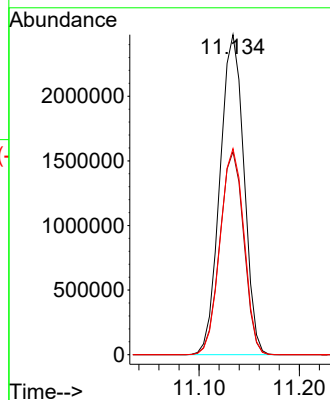
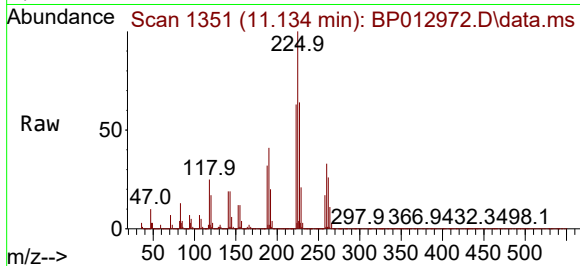




#33
Hexachlorobutadiene
Concen: 160.770 ng/ul
RT: 11.134 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

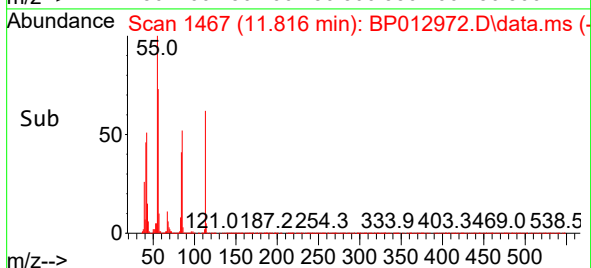
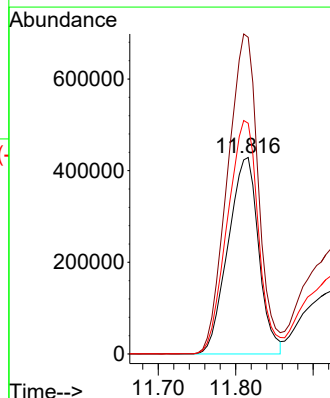
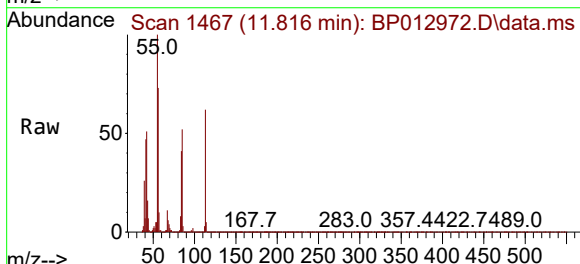
Instrument :
BNA_P
ClientSampleId :
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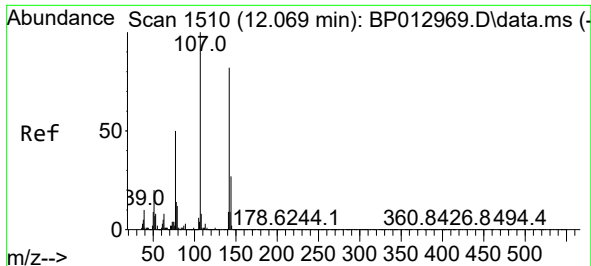
Tgt Ion:225 Resp: 4111421
Ion Ratio Lower Upper
225 100
223 63.4 49.2 73.8
227 64.4 50.2 75.2



#34
Caprolactam
Concen: 77.407 ng/ul
RT: 11.816 min Scan# 1467
Delta R.T. 0.082 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:113 Resp: 1178661
Ion Ratio Lower Upper
113 100
55 161.1 141.9 212.9
56 117.4 99.6 149.4

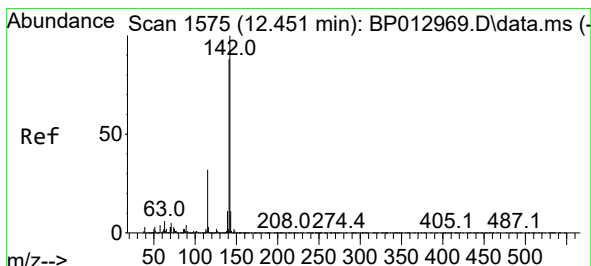
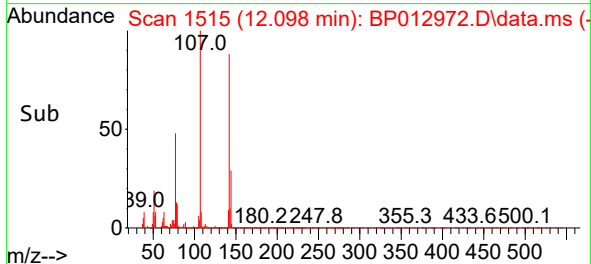
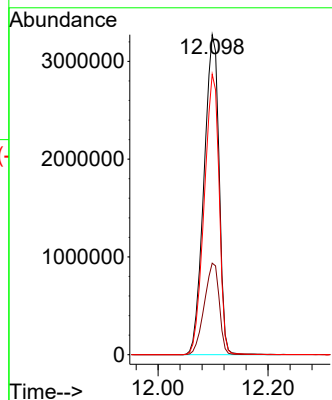
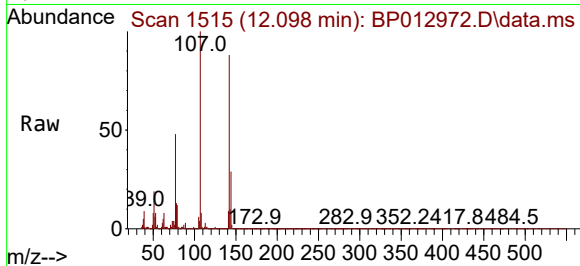




#35
4-Chloro-3-methylphenol
Concen: 138.784 ng/ul
RT: 12.098 min Scan# 1510
Delta R.T. 0.029 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

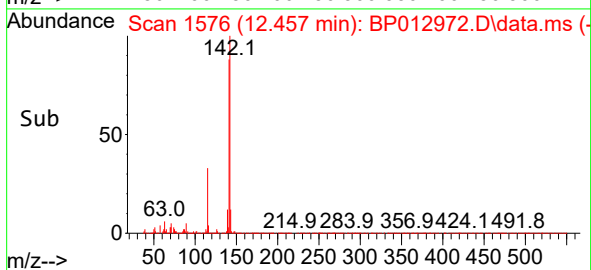
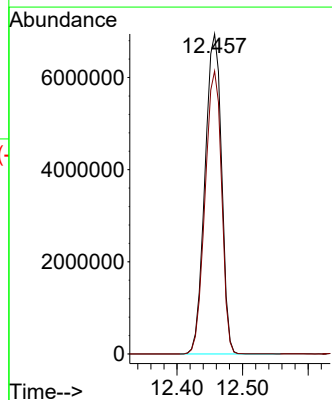
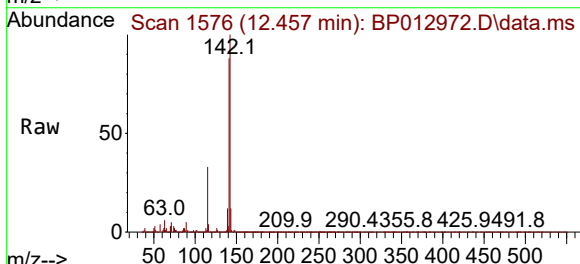
Instrument :
BNA_P
ClientSampleId :
SSTD160643

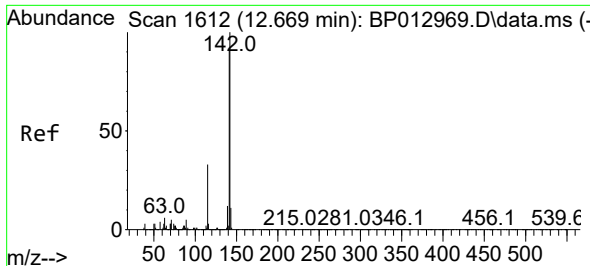
Tgt Ion:107 Resp: 6228338
Ion Ratio Lower Upper
107 100
144 28.6 21.4 32.2
142 87.7 65.8 98.6



#36
2-Methylnaphthalene
Concen: 130.322 ng/ul
RT: 12.457 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:142 Resp:12216841
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2

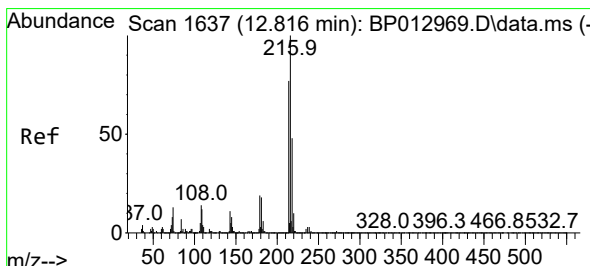
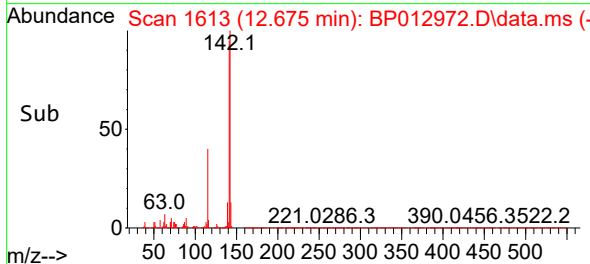
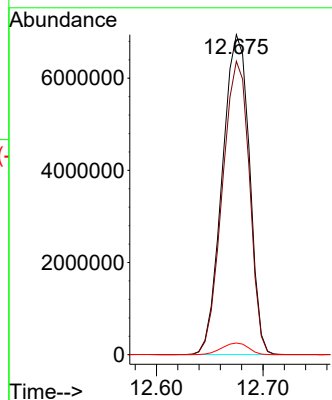
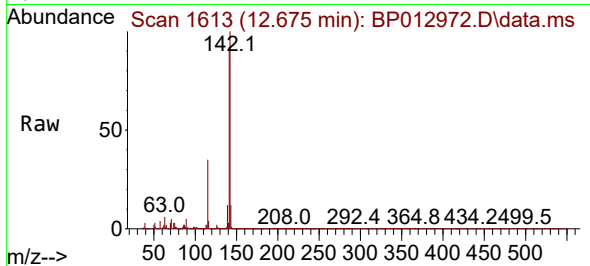




#37
1-Methylnaphthalene
Concen: 130.407 ng/ul
RT: 12.675 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

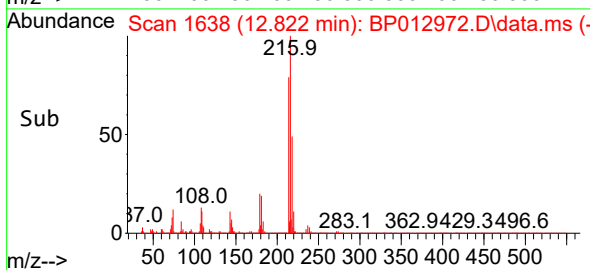
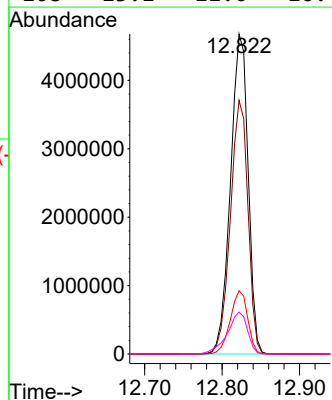
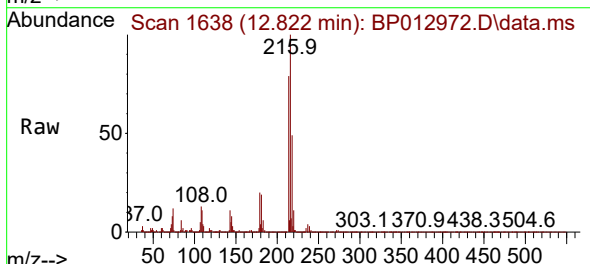
Instrument :
BNA_P
ClientSampleId :
SSTD160643

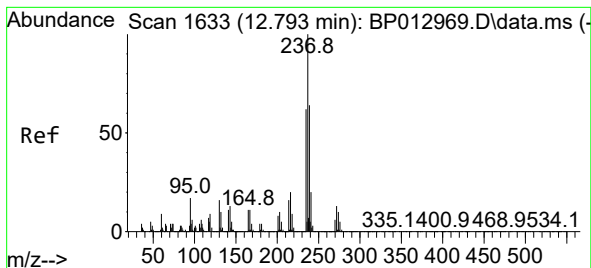
Tgt Ion:142 Resp:12310656
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 153.230 ng/ul
RT: 12.822 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:216 Resp: 7419842
Ion Ratio Lower Upper
216 100
214 79.3 61.9 92.9
179 19.7 15.0 22.6
108 13.1 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 225.548 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

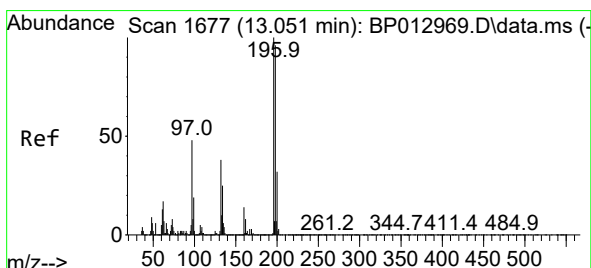
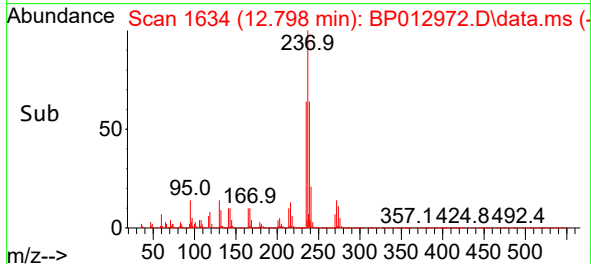
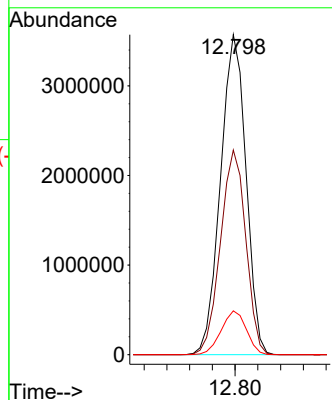
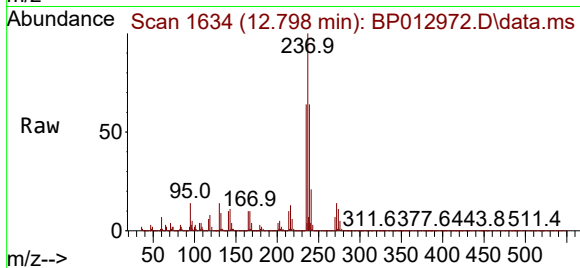
Tgt Ion:237 Resp: 5561497

Ion Ratio Lower Upper

237 100

235 63.9 49.7 74.5

272 13.7 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 162.442 ng/ul

RT: 13.063 min Scan# 1679

Delta R.T. 0.012 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

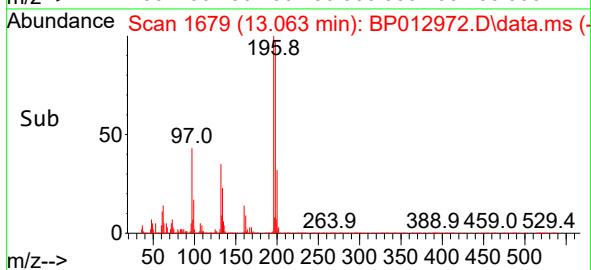
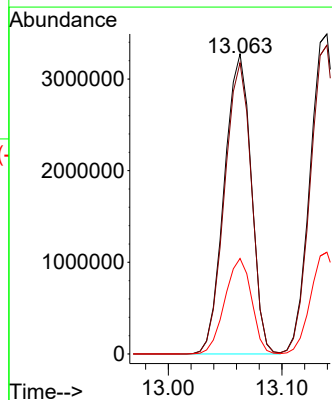
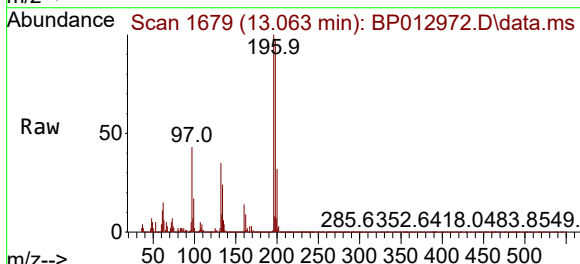
Tgt Ion:196 Resp: 5390933

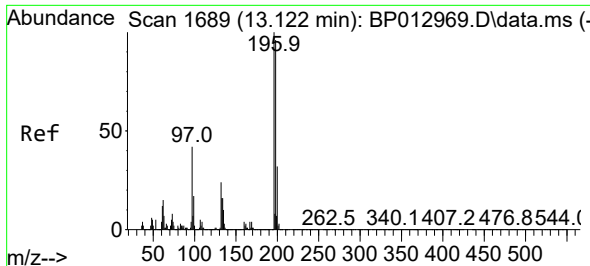
Ion Ratio Lower Upper

196 100

198 97.0 77.0 115.6

200 31.9 25.3 37.9

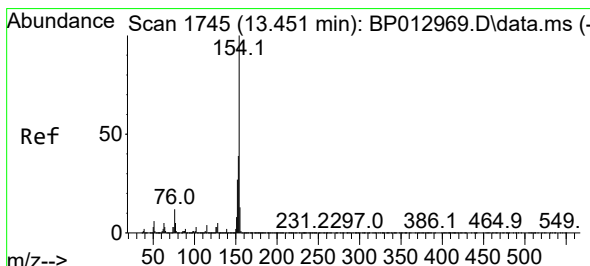
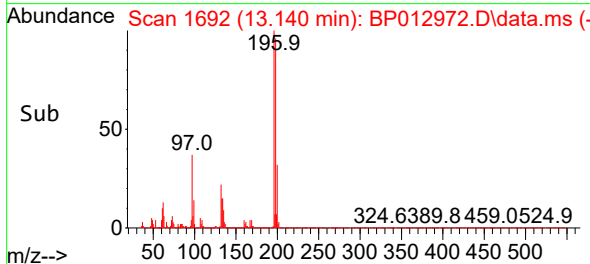
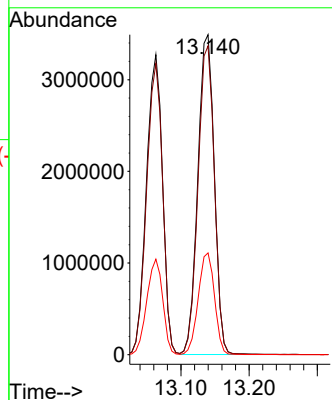
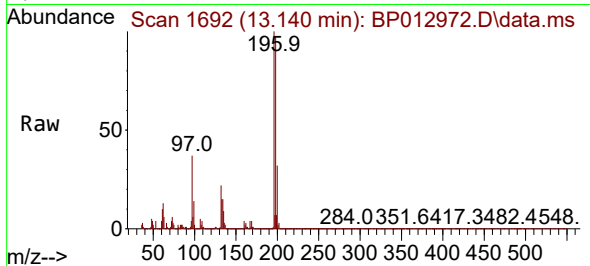




#42
2,4,5-Trichlorophenol
Concen: 164.380 ng/ul
RT: 13.140 min Scan# 1692
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

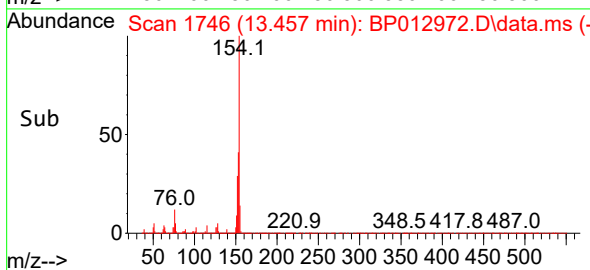
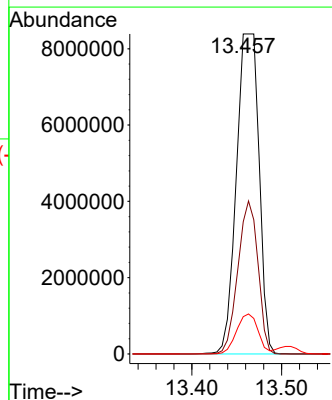
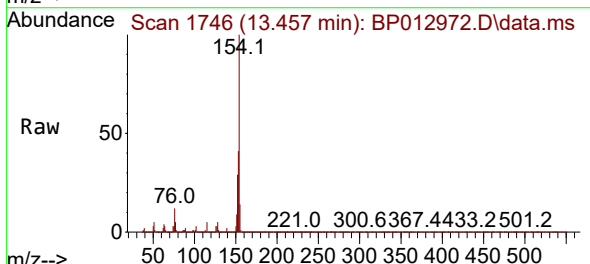
Instrument :
BNA_P
ClientSampleId :
SSTD160643

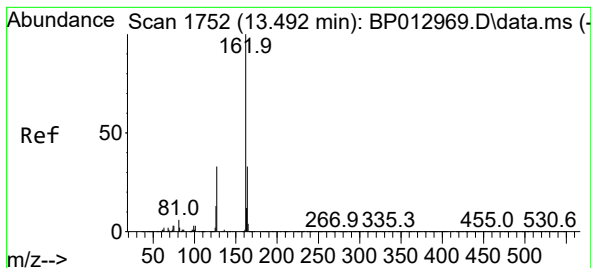
Tgt Ion:196 Resp: 5867648
Ion Ratio Lower Upper
196 100
198 96.5 77.1 115.7
200 31.8 25.4 38.2



#43
1,1'-Biphenyl
Concen: 130.973 ng/ul
RT: 13.457 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:154 Resp:14745903
Ion Ratio Lower Upper
154 100
153 41.3 31.5 47.3
76 11.6 9.6 14.4





#44

2-Chloronaphthalene

Concen: 144.320 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

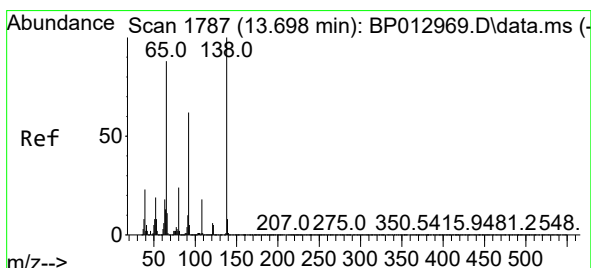
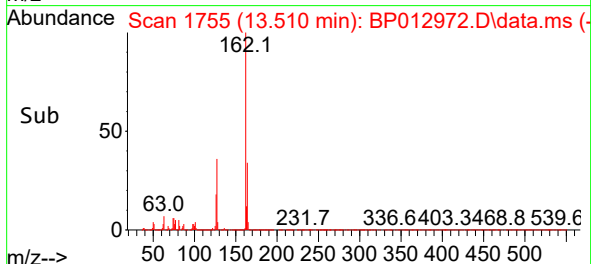
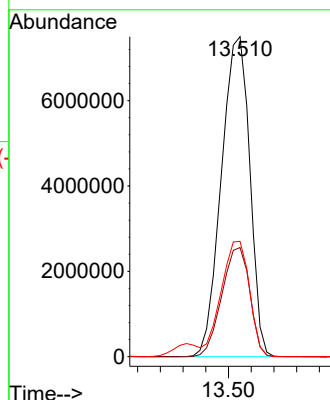
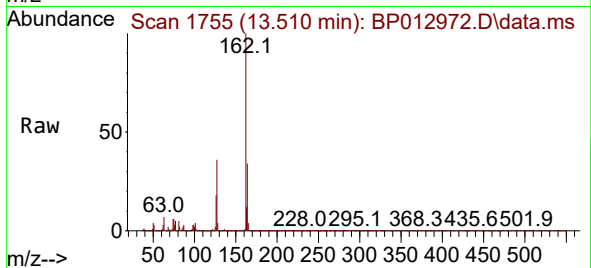
Tgt Ion:162 Resp:13005264

Ion Ratio Lower Upper

162 100

164 34.1 26.3 39.5

127 36.0 29.3 43.9



#45

2-Nitroaniline

Concen: 160.391 ng/ul

RT: 13.716 min Scan# 1790

Delta R.T. 0.018 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

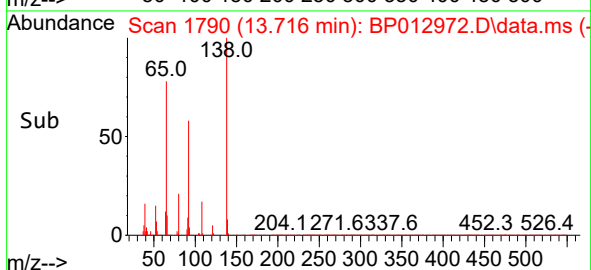
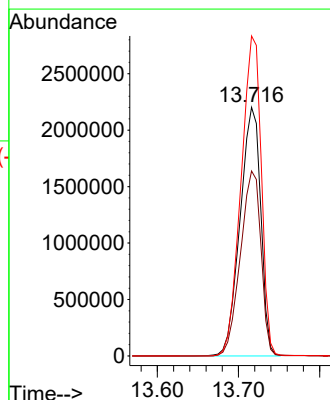
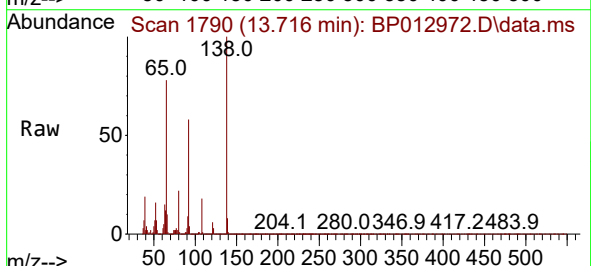
Tgt Ion: 65 Resp: 3890264

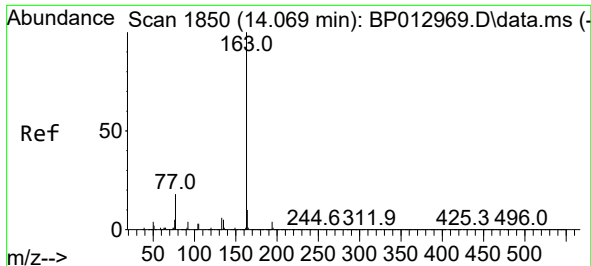
Ion Ratio Lower Upper

65 100

92 74.3 56.4 84.6

138 128.7 90.3 135.5

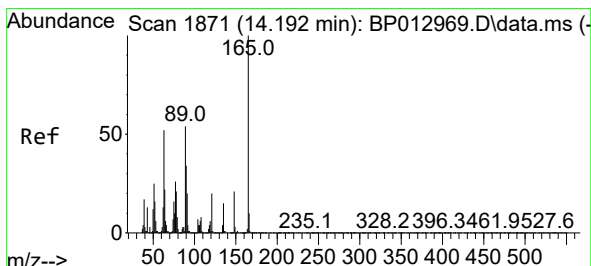
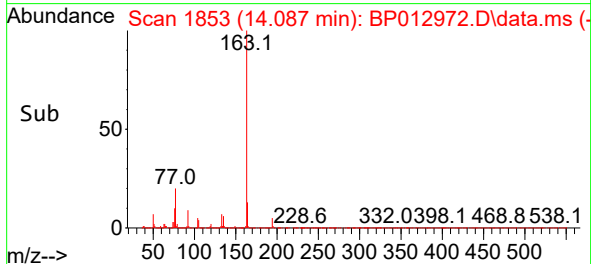
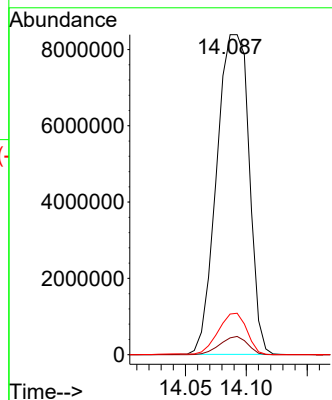
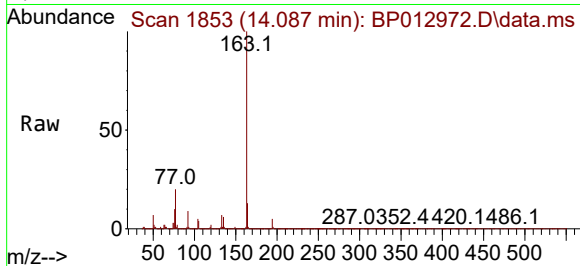




#47
Dimethylphthalate
Concen: 128.970 ng/ul
RT: 14.087 min Scan# 1853
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

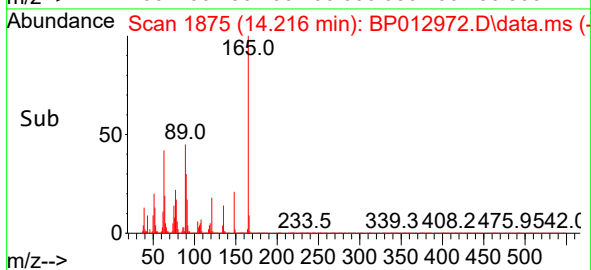
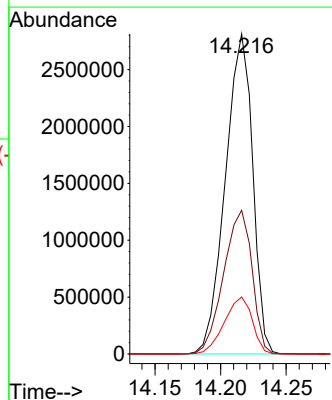
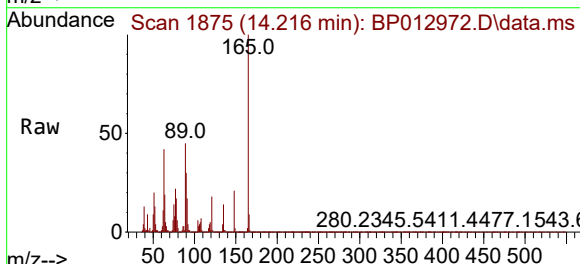
Instrument :
BNA_P
ClientSampleId :
SSTD160643

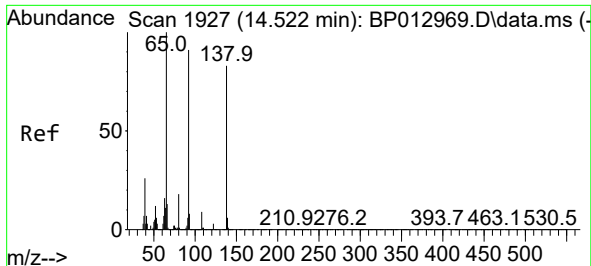
Tgt Ion:163 Resp:15499765
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.0#
164 12.7 8.3 12.5#



#48
2,6-Dinitrotoluene
Concen: 181.909 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. 0.024 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:165 Resp: 4078581
Ion Ratio Lower Upper
165 100
89 44.9 43.0 64.4
121 17.8 16.1 24.1

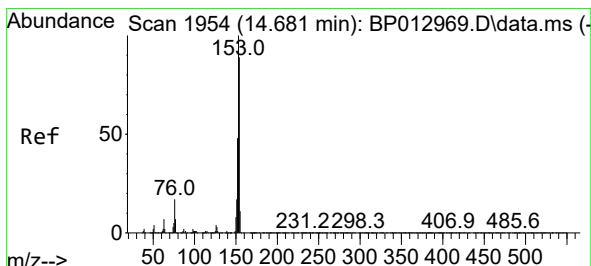
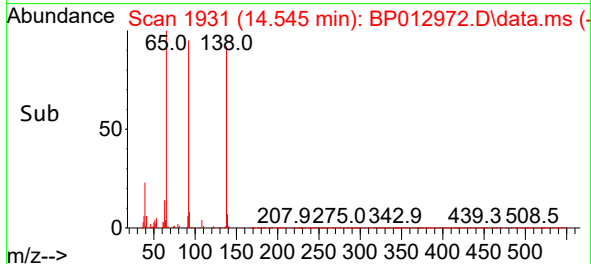
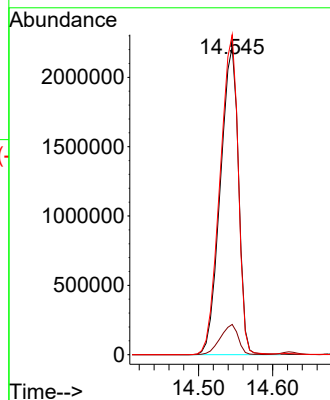
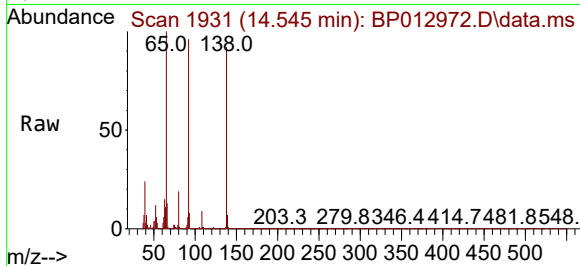




#51
3-Nitroaniline
Concen: 151.610 ng/ul
RT: 14.545 min Scan# 1931
Delta R.T. 0.024 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

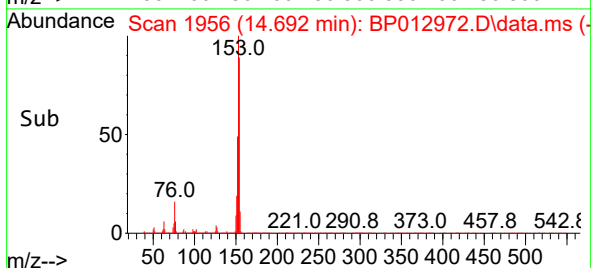
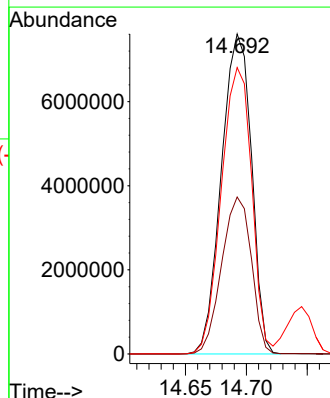
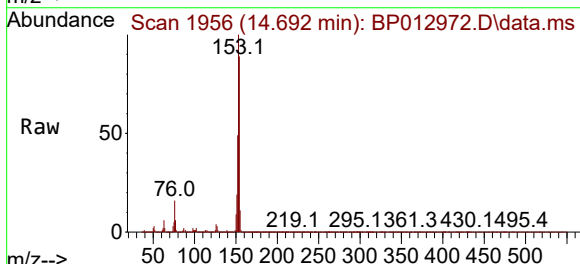
Instrument :
BNA_P
ClientSampleId :
SSTD160643

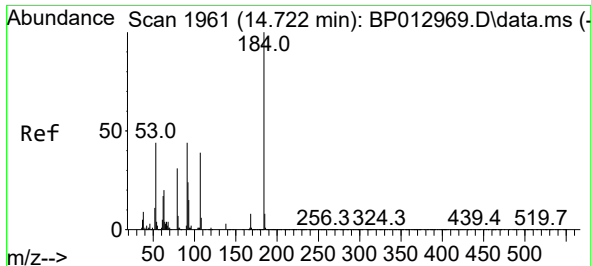
Tgt Ion:138 Resp: 3777798
Ion Ratio Lower Upper
138 100
108 9.8 8.6 13.0
92 103.9 88.4 132.6



#52
Acenaphthene
Concen: 132.615 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. 0.012 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:153 Resp:13080282
Ion Ratio Lower Upper
153 100
152 49.0 38.2 57.4
154 89.5 70.8 106.2

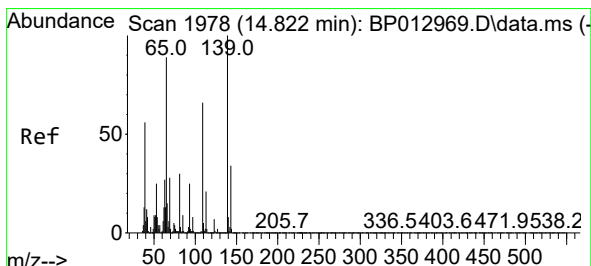
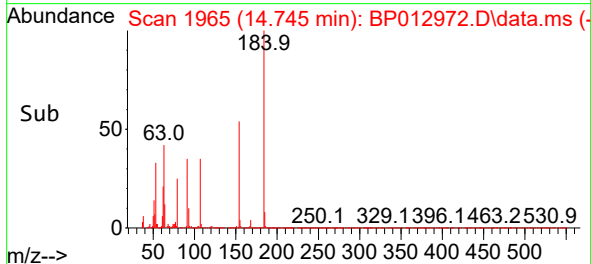
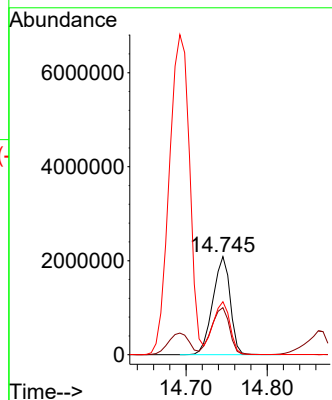
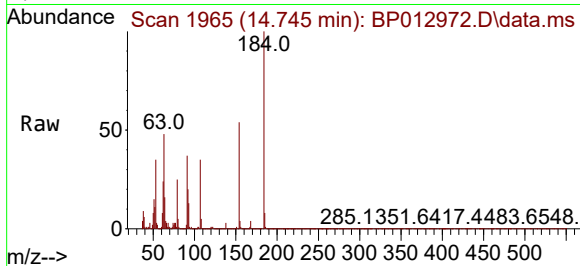




#53
2,4-Dinitrophenol
Concen: 193.276 ng/ul
RT: 14.745 min Scan# 1965
Delta R.T. 0.024 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

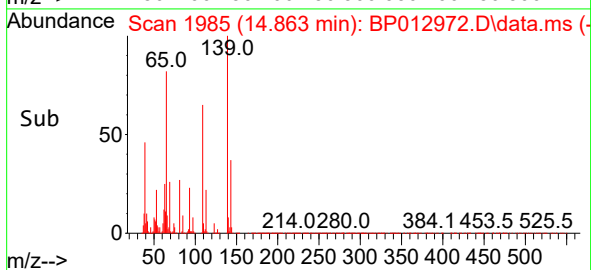
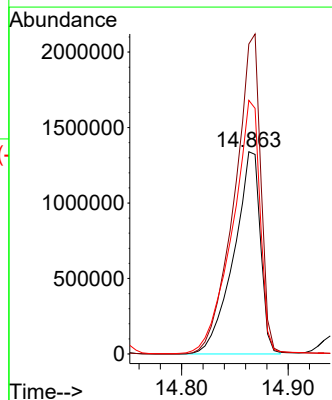
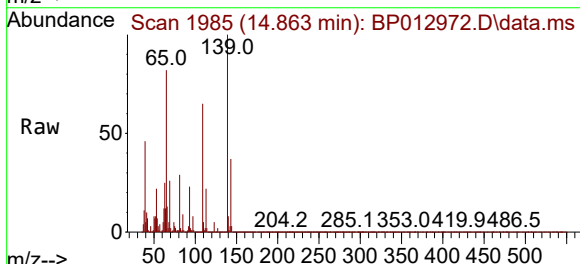
Instrument :
BNA_P
ClientSampleId :
SSTD160643

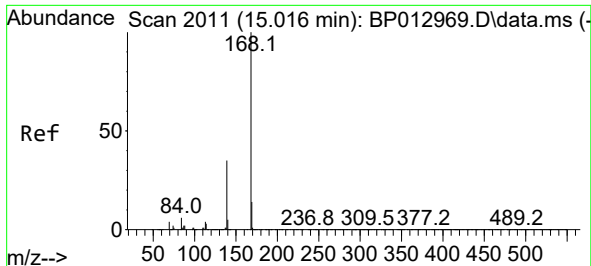
Tgt Ion:184 Resp: 3100583
Ion Ratio Lower Upper
184 100
63 48.0 48.4 72.6#
154 53.9 45.5 68.3



#55
4-Nitrophenol
Concen: 140.958 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. 0.041 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:109 Resp: 2323157
Ion Ratio Lower Upper
109 100
139 153.2 120.8 181.2
65 125.4 107.9 161.9

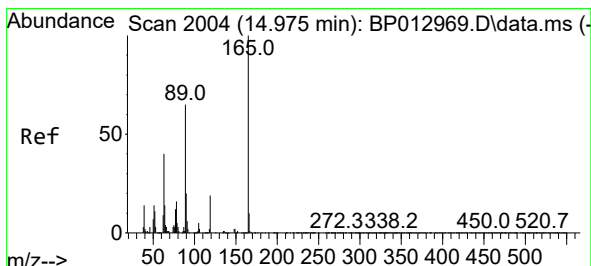
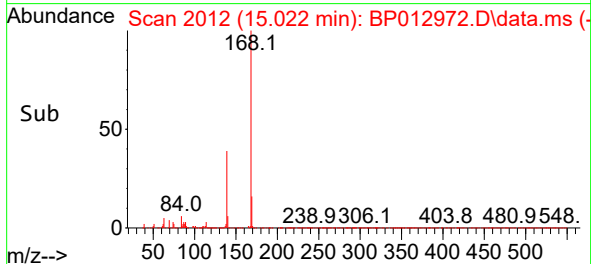
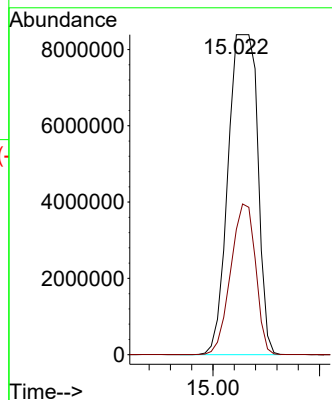
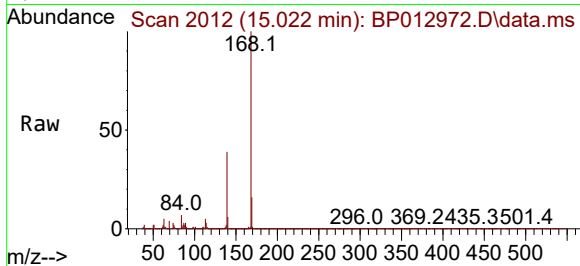




#56
Dibenzofuran
Concen: 115.953 ng/ul
RT: 15.022 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

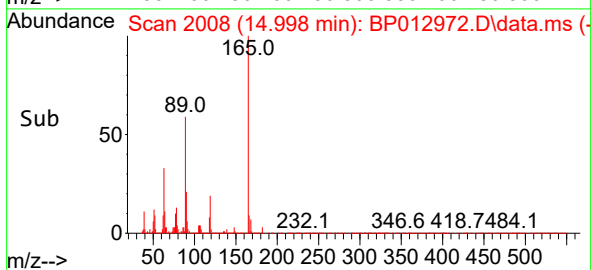
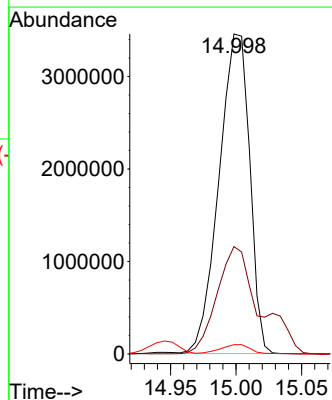
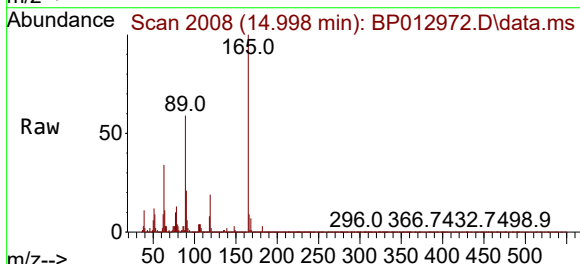
Instrument :
BNA_P
ClientSampleId :
SSTD160643

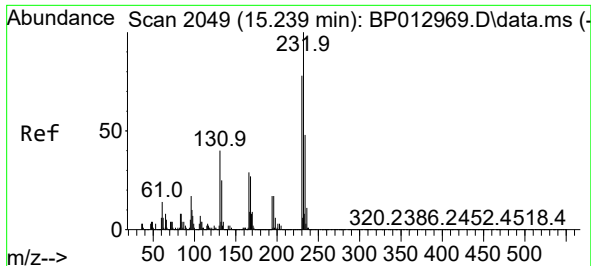
Tgt Ion:168 Resp:16197401
Ion Ratio Lower Upper
168 100
139 39.1 27.9 41.9



#57
2,4-Dinitrotoluene
Concen: 167.715 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. 0.024 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:165 Resp: 5628675
Ion Ratio Lower Upper
165 100
63 33.5 31.8 47.6
182 2.9 2.1 3.1

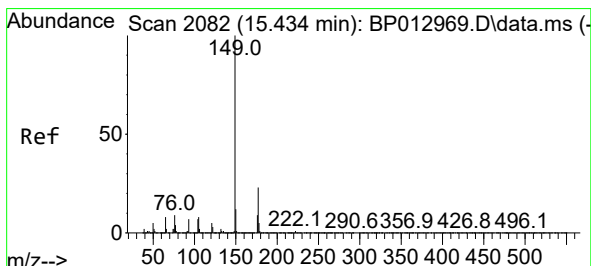
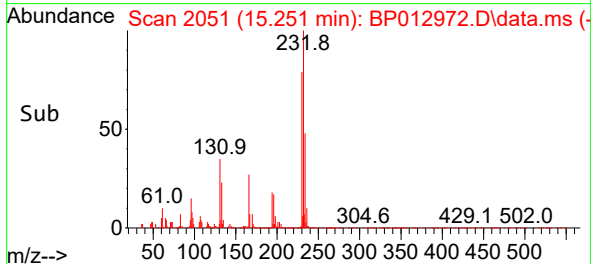
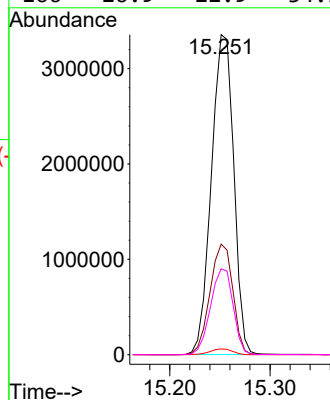
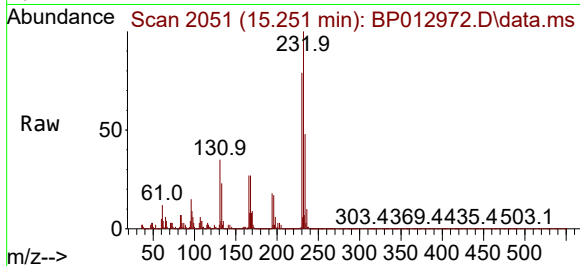




#58
2,3,4,6-Tetrachlorophenol
Concen: 154.978 ng/ul
RT: 15.251 min Scan# 2049
Delta R.T. 0.012 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

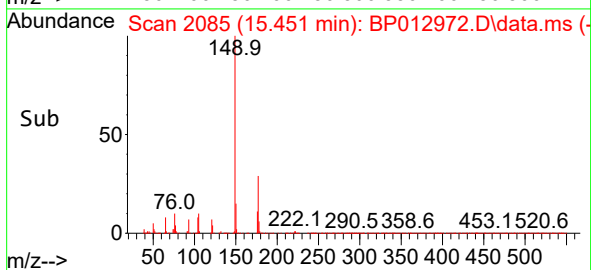
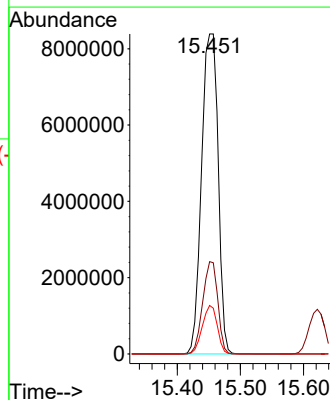
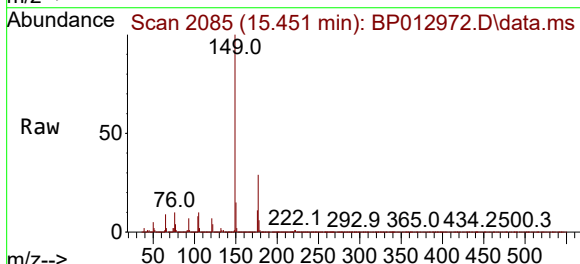
Instrument :
BNA_P
ClientSampleId :
SSTD160643

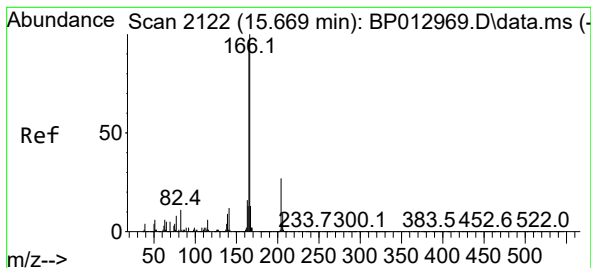
Tgt Ion:232 Resp: 5209444
Ion Ratio Lower Upper
232 100
131 34.6 31.8 47.6
130 1.8 1.8 2.6
166 26.9 22.9 34.3



#59
Diethylphthalate
Concen: 127.267 ng/ul
RT: 15.451 min Scan# 2085
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:149 Resp:15243835
Ion Ratio Lower Upper
149 100
177 28.8 18.4 27.6#
150 15.2 9.9 14.9#





#61

Fluorene

Concen: 109.637 ng/ul

RT: 15.681 min Scan# 2124

Delta R.T. 0.012 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

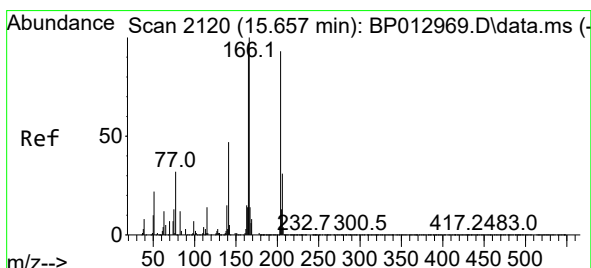
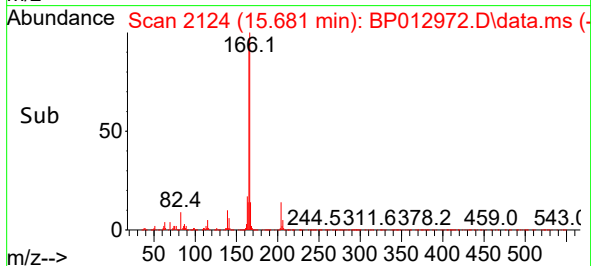
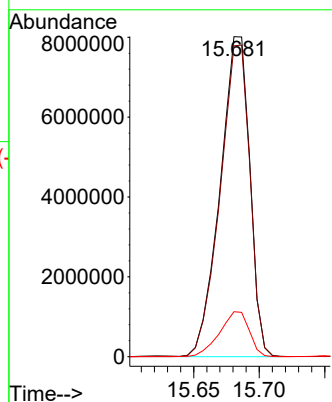
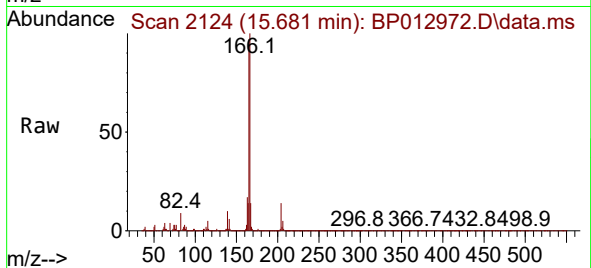
Tgt Ion:166 Resp:12660731

Ion Ratio Lower Upper

166 100

165 97.1 77.4 116.2

167 14.0 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 119.531 ng/ul

RT: 15.663 min Scan# 2121

Delta R.T. 0.006 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

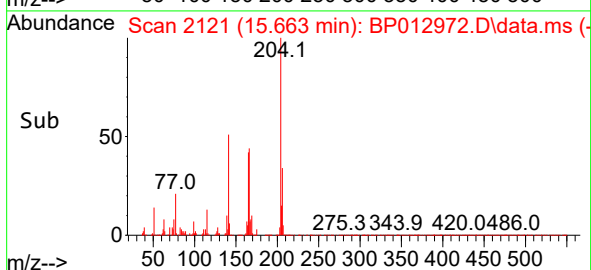
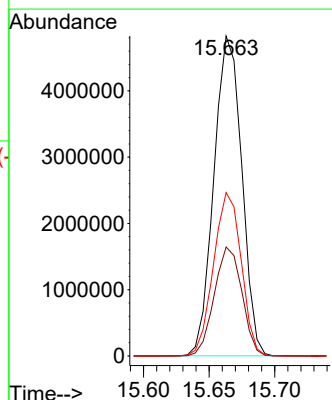
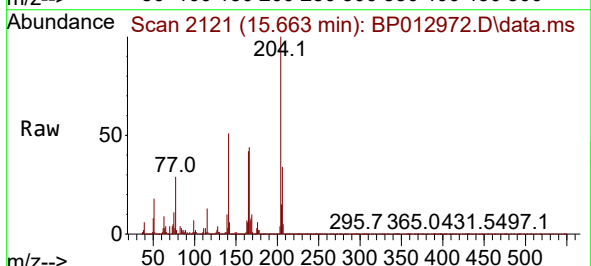
Tgt Ion:204 Resp: 7130024

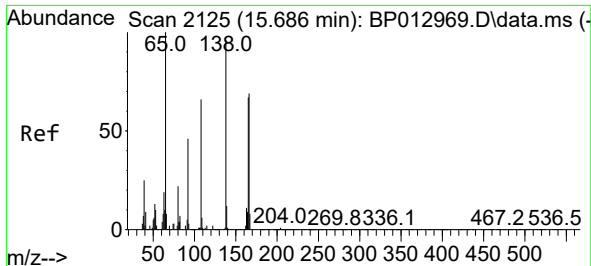
Ion Ratio Lower Upper

204 100

206 34.1 26.3 39.5

141 51.0 40.4 60.6

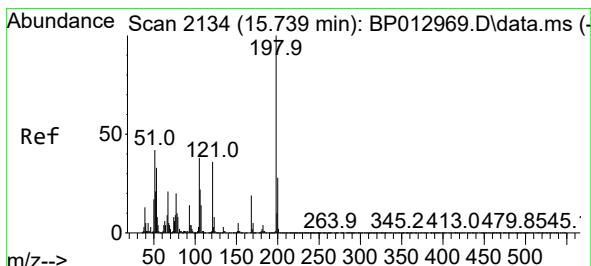
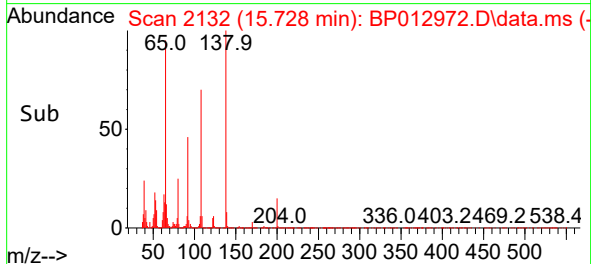
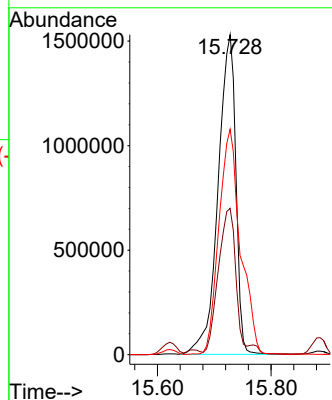
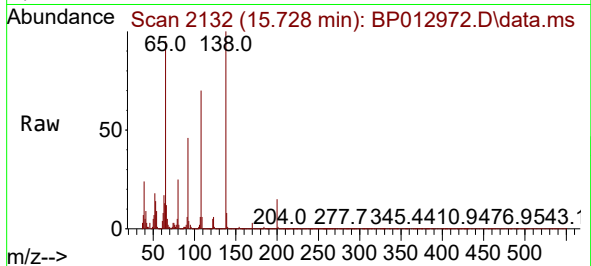




#63
4-Nitroaniline
Concen: 140.472 ng/ul
RT: 15.728 min Scan# 2112
Delta R.T. 0.041 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

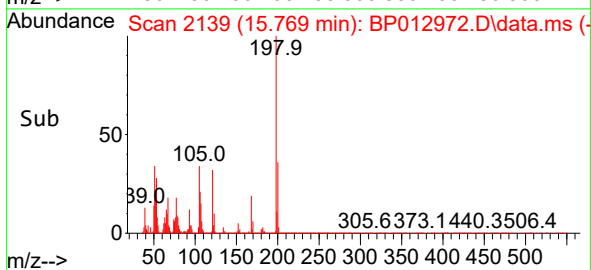
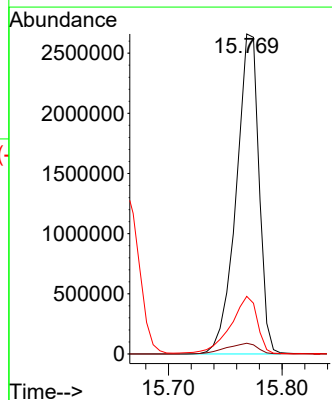
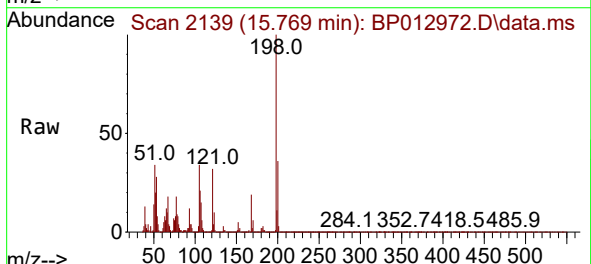
Instrument :
BNA_P
ClientSampleId :
SSTD160643

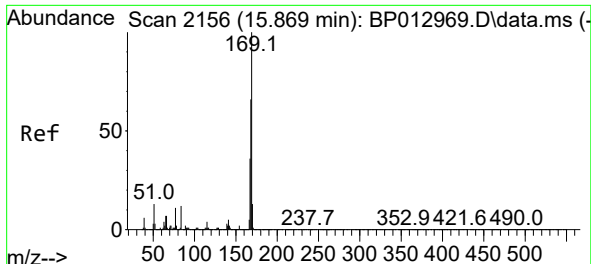
Tgt Ion:138 Resp: 3324316
Ion Ratio Lower Upper
138 100
92 45.7 39.0 58.4
108 70.4 55.1 82.7



#66
4,6-Dinitro-2-methylphenol
Concen: 167.204 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. 0.029 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:198 Resp: 3707950
Ion Ratio Lower Upper
198 100
182 3.4 3.3 4.9
77 18.0 16.6 25.0

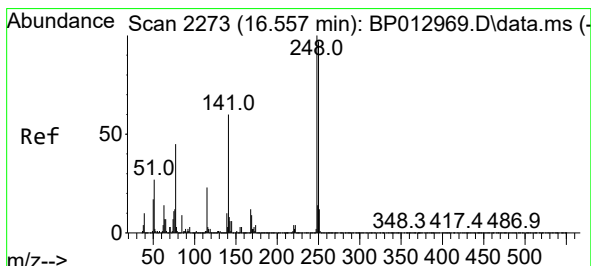
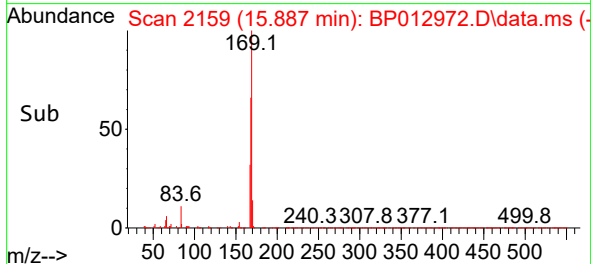
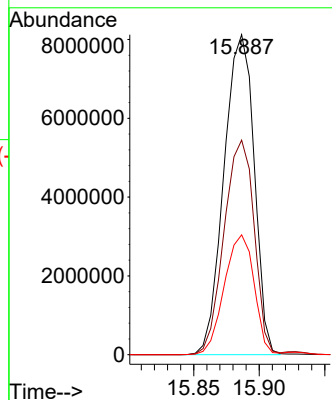
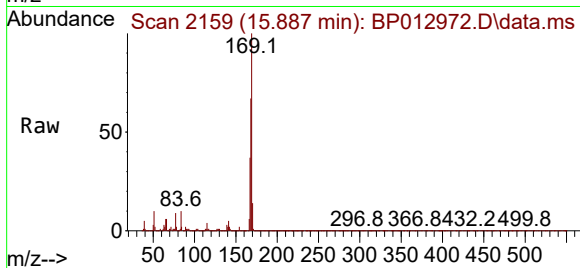




#67
N-Nitrosodiphenylamine
Concen: 133.438 ng/ul
RT: 15.887 min Scan# 2156
Delta R.T. 0.018 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

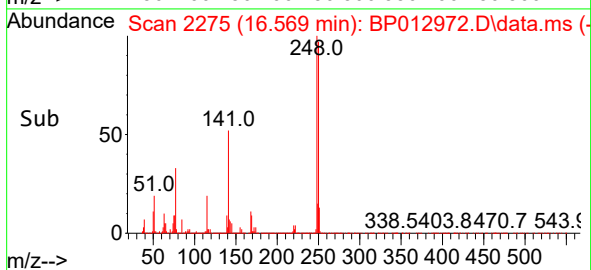
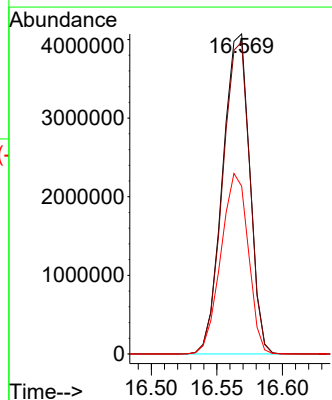
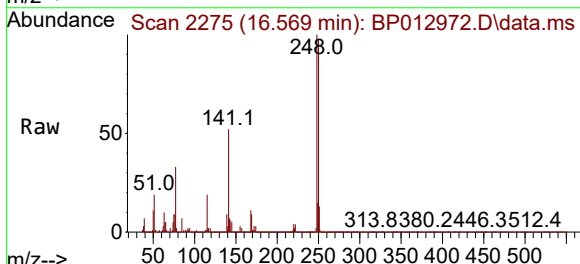
Instrument :
BNA_P
ClientSampleId :
SSTD160643

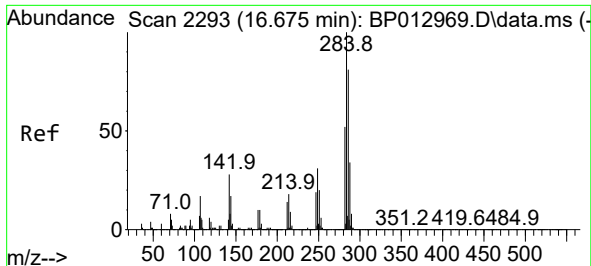
Tgt Ion:169 Resp:13011086
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 37.4 29.1 43.7



#68
4-Bromophenyl-phenylether
Concen: 165.842 ng/ul
RT: 16.569 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:248 Resp: 5855786
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.0
141 52.4 48.3 72.5

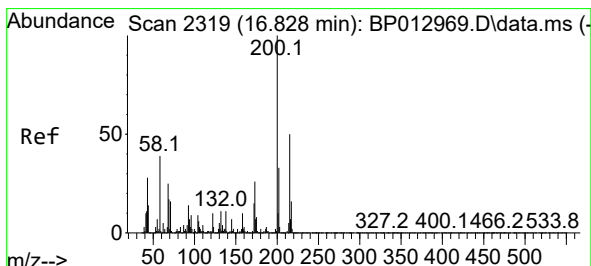
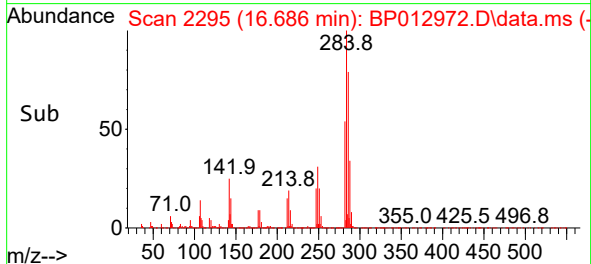
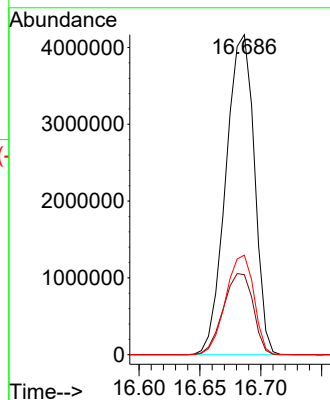
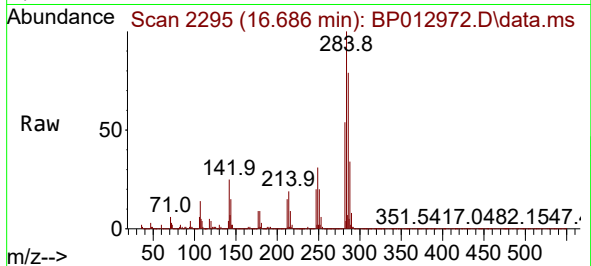




#69
Hexachlorobenzene
Concen: 154.181 ng/ul
RT: 16.686 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

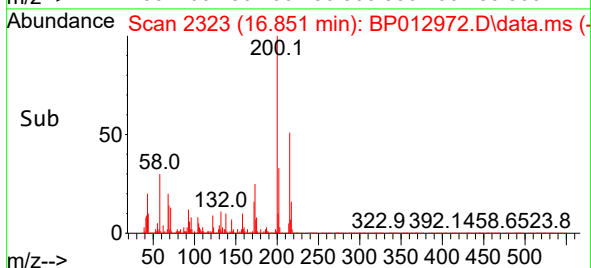
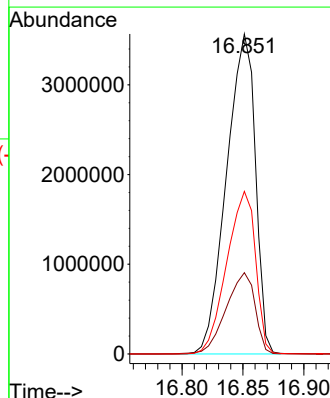
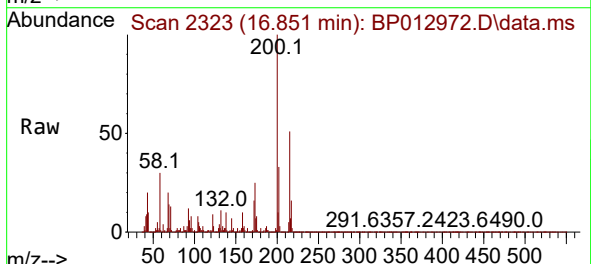
Instrument :
BNA_P
ClientSampleId :
SSTD160643

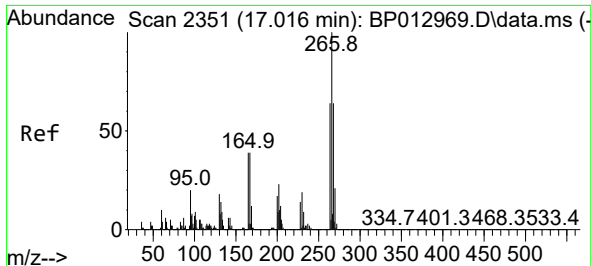
Tgt Ion:284 Resp: 6800684
Ion Ratio Lower Upper
284 100
142 25.0 22.6 34.0
249 31.1 24.6 37.0



#70
Atrazine
Concen: 162.239 ng/ul
RT: 16.851 min Scan# 2323
Delta R.T. 0.024 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:200 Resp: 5870749
Ion Ratio Lower Upper
200 100
173 25.4 20.5 30.7
215 50.8 39.9 59.9

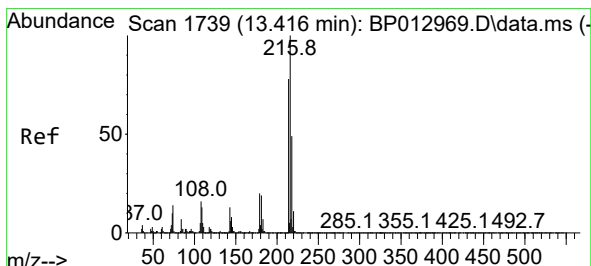
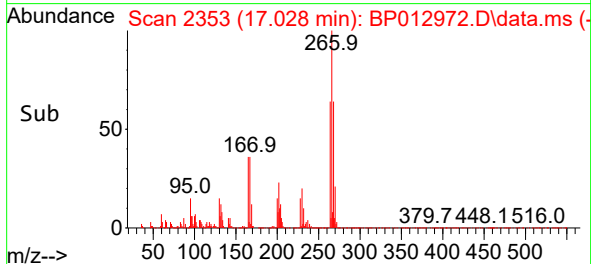
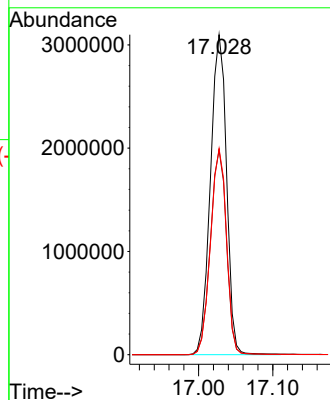
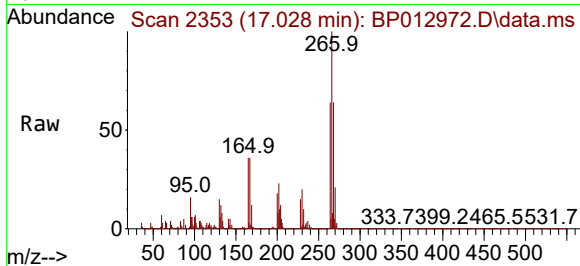




#71
 Pentachlorophenol
 Concen: 163.593 ng/uI
 RT: 17.028 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP012972.D
 Acq: 07 Dec 2022 15:37

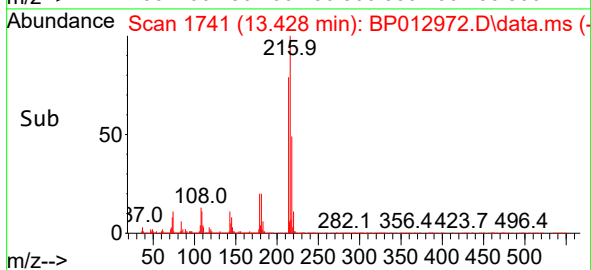
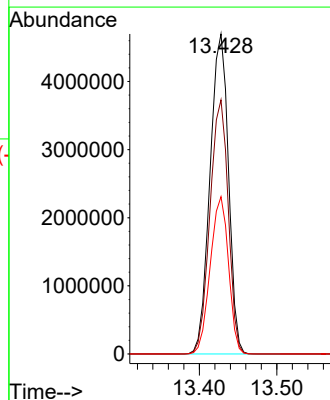
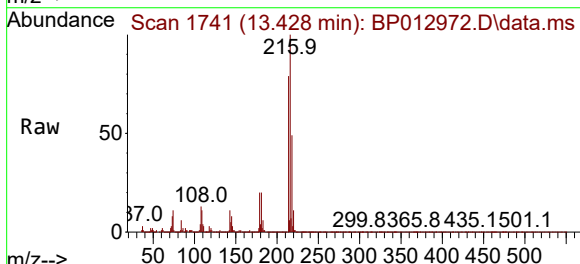
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160643

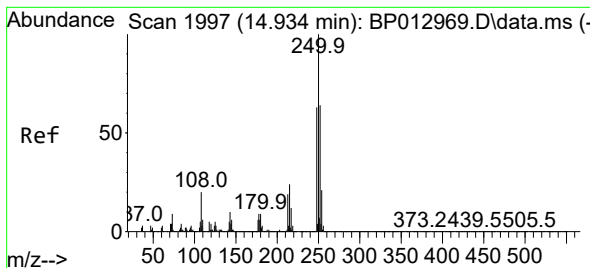
Tgt Ion:266 Resp: 4673152
 Ion Ratio Lower Upper
 266 100
 264 63.9 50.9 76.3
 268 64.4 51.4 77.2



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 163.292 ng/uI
 RT: 13.428 min Scan# 1741
 Delta R.T. 0.012 min
 Lab File: BP012972.D
 Acq: 07 Dec 2022 15:37

Tgt Ion:216 Resp: 7759202
 Ion Ratio Lower Upper
 216 100
 214 79.4 62.2 93.2
 218 49.1 38.9 58.3





#76

Pentachlorobenzene

Concen: 142.908 ng/uL

RT: 14.945 min Scan# 1999

Delta R.T. 0.012 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

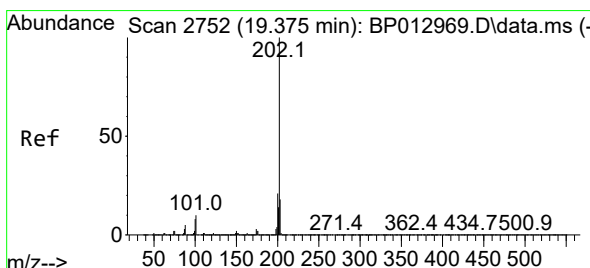
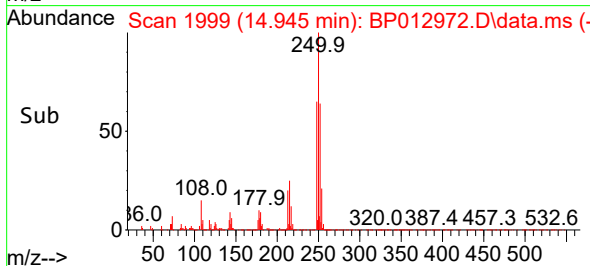
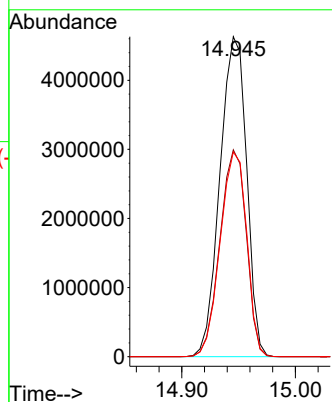
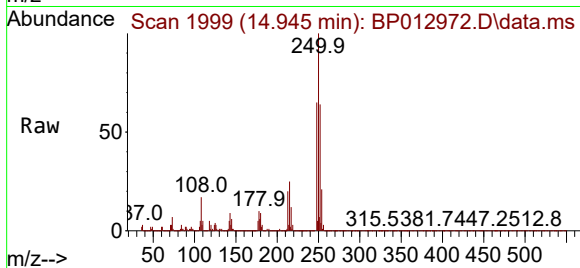
Tgt Ion:250 Resp: 7559941

Ion Ratio Lower Upper

250 100

248 64.6 50.6 76.0

252 63.9 51.1 76.7



#80

Fluoranthene

Concen: 0.475 ng/uL

RT: 19.322 min Scan# 2743

Delta R.T. -0.053 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

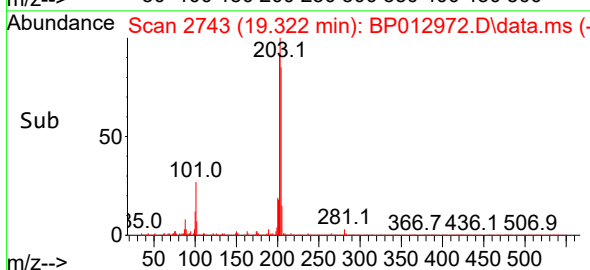
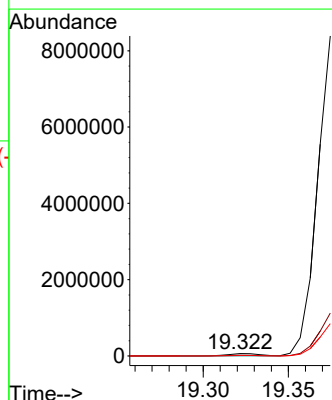
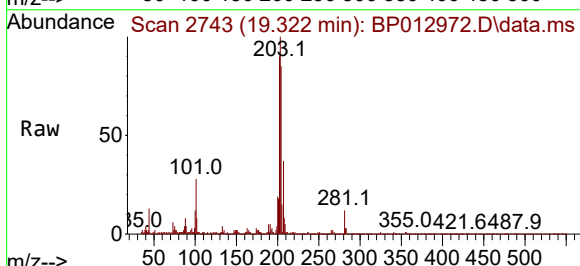
Tgt Ion:202 Resp: 84702

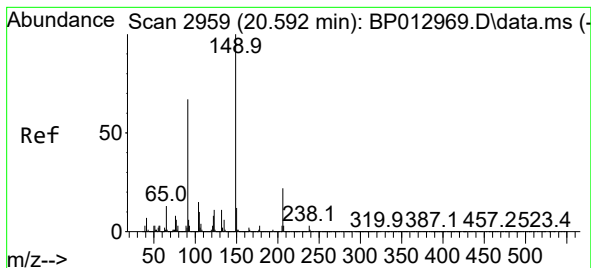
Ion Ratio Lower Upper

202 100

101 31.0 8.2 12.2#

100 13.6 6.1 9.1#





#83

Butylbenzylphthalate

Concen: 157.825 ng/ul

RT: 20.598 min Scan# 2959

Delta R.T. 0.006 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

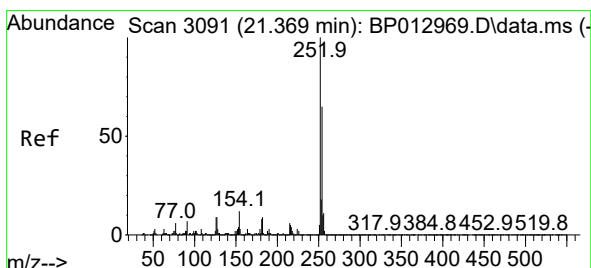
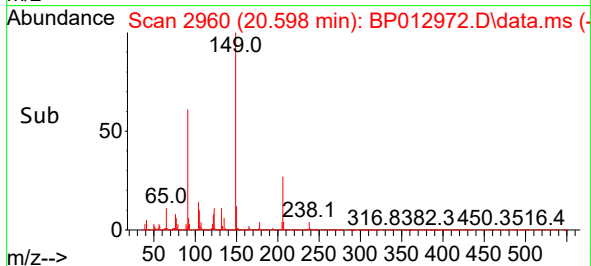
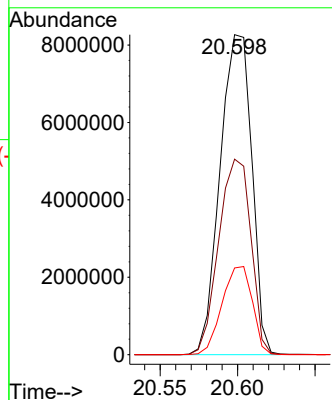
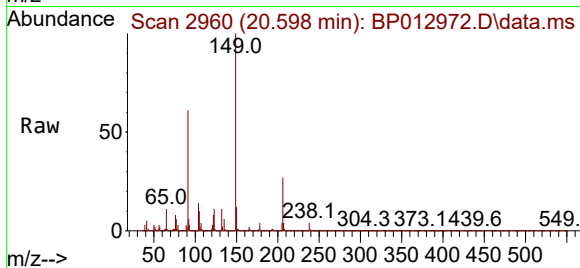
Tgt Ion:149 Resp:11792239

Ion Ratio Lower Upper

149 100

91 61.1 53.4 80.0

206 27.1 17.9 26.9#



#84

3,3'-Dichlorobenzidine

Concen: 154.977 ng/ul

RT: 21.380 min Scan# 3093

Delta R.T. 0.012 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

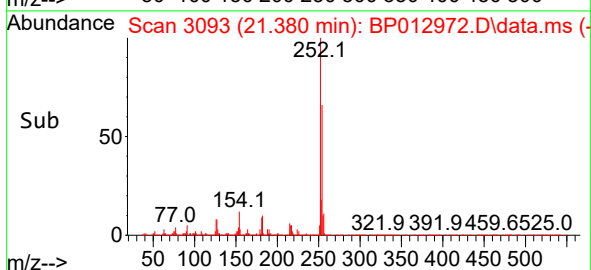
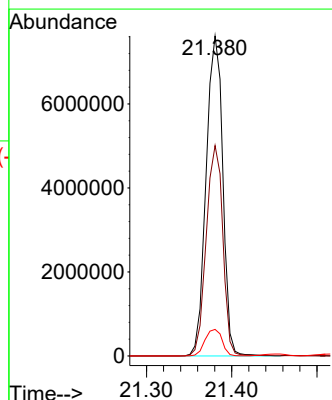
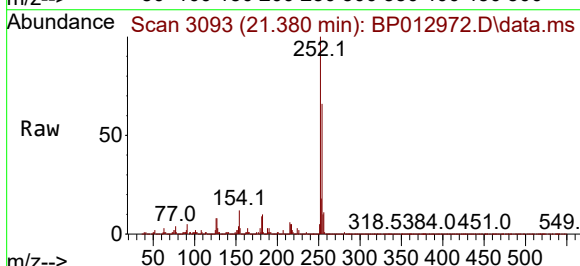
Tgt Ion:252 Resp:10354563

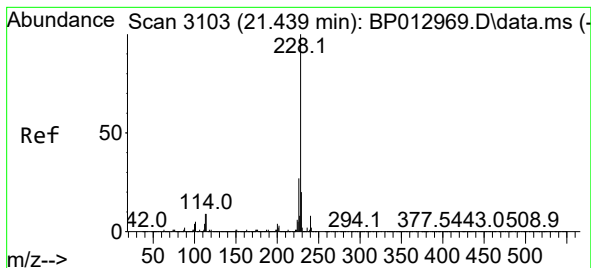
Ion Ratio Lower Upper

252 100

254 65.8 51.8 77.8

126 8.3 7.4 11.2





#85

Benzo(a)anthracene

Concen: 18.624 ng/ul

RT: 21.504 min Scan# 3103

Delta R.T. 0.065 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

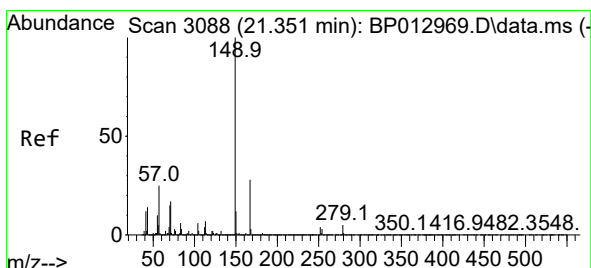
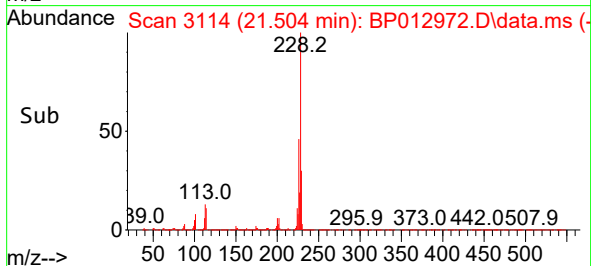
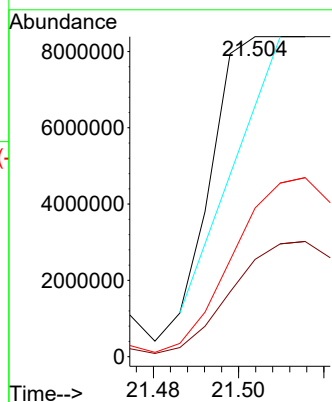
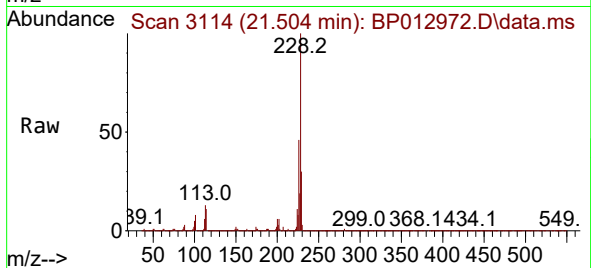
Tgt Ion:228 Resp: 3595788

Ion Ratio Lower Upper

228 100

229 30.4 16.1 24.1#

226 46.4 22.0 33.0#



#86

Bis(2-ethylhexyl)phthalate

Concen: 122.329 ng/ul

RT: 21.351 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

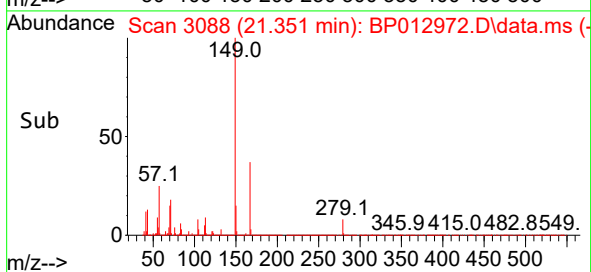
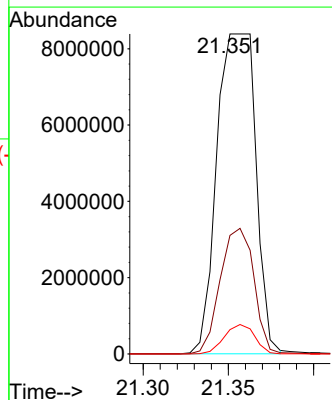
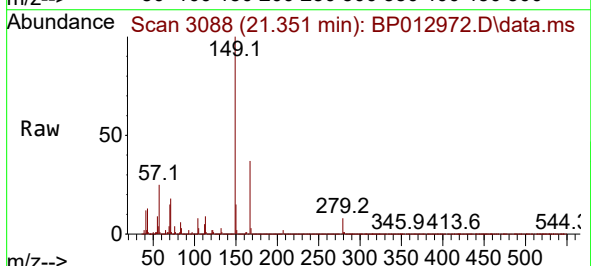
Tgt Ion:149 Resp:13328653

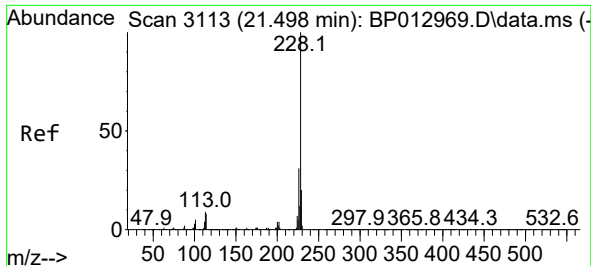
Ion Ratio Lower Upper

149 100

167 37.0 22.5 33.7#

279 7.6 3.8 5.8#

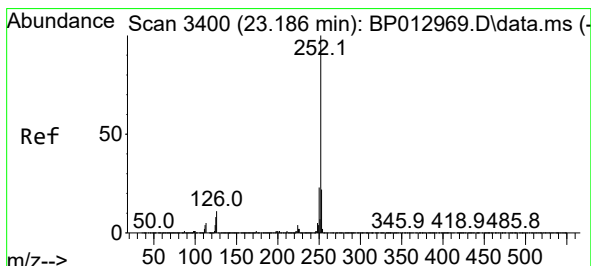
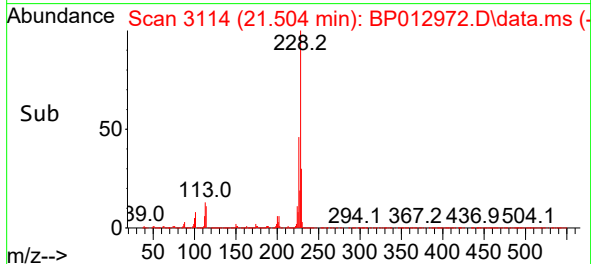
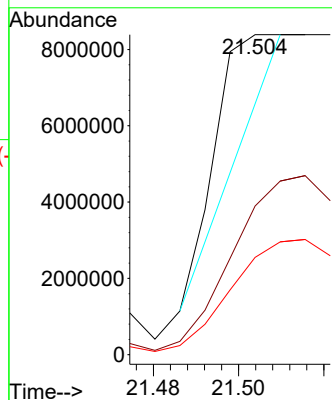
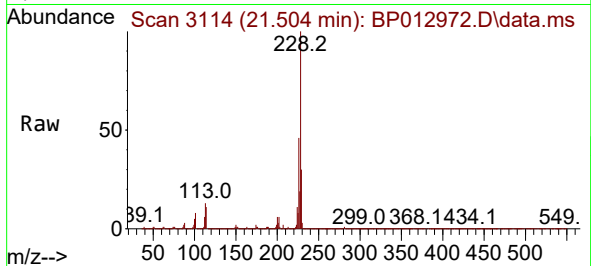




#87
Chrysene
Concen: 19.850 ng/ul
RT: 21.504 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

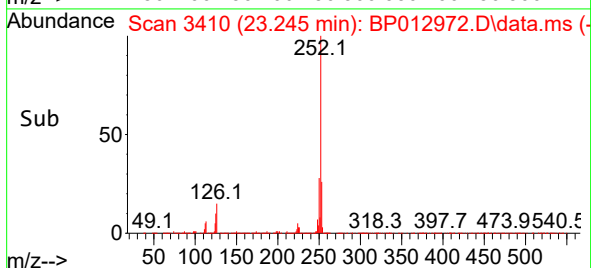
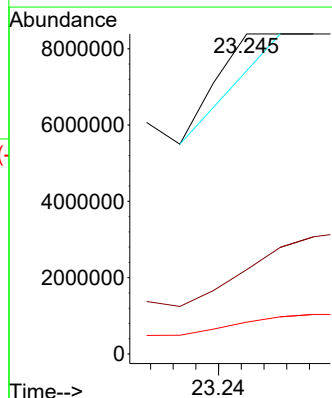
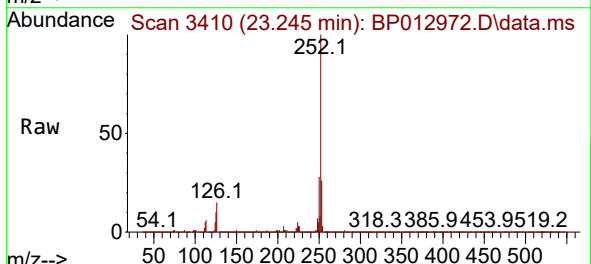
Instrument :
BNA_P
ClientSampleId :
SSTD160643

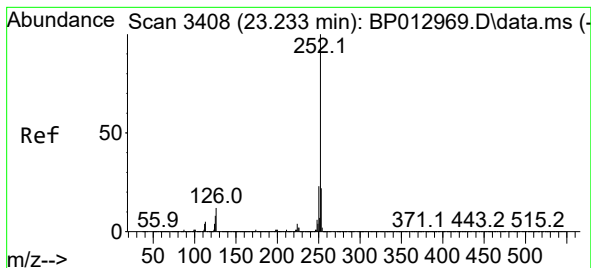
Tgt Ion:228 Resp: 3595788
Ion Ratio Lower Upper
228 100
226 46.4 24.5 36.7#
229 30.4 16.0 24.0#



#90
Benzo(b)fluoranthene
Concen: 4.873 ng/ul
RT: 23.245 min Scan# 3410
Delta R.T. 0.059 min
Lab File: BP012972.D
Acq: 07 Dec 2022 15:37

Tgt Ion:252 Resp: 1074476
Ion Ratio Lower Upper
252 100
253 26.4 17.7 26.5
125 9.9 6.8 10.2





#91

Benzo(k)fluoranthene

Concen: 5.139 ng/ul

RT: 23.245 min Scan# 3408

Delta R.T. 0.012 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

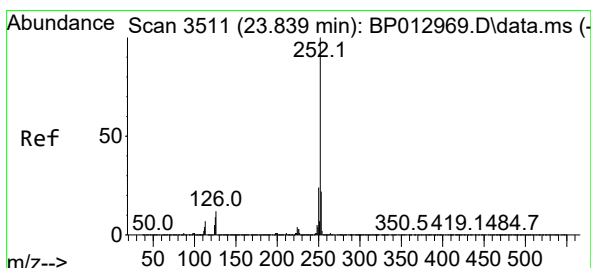
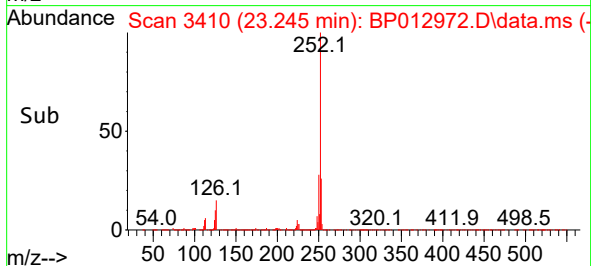
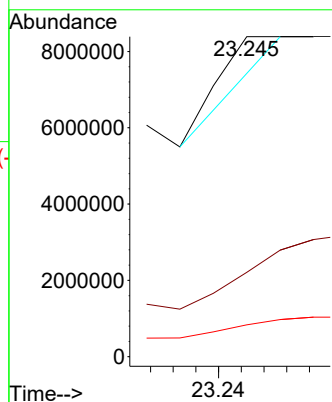
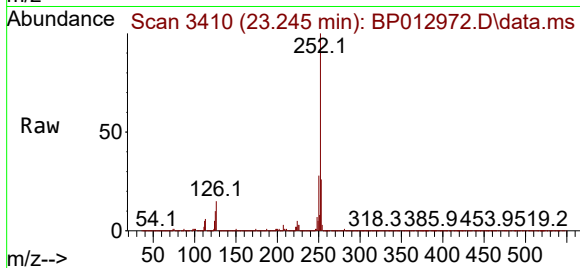
Tgt Ion:252 Resp: 1074476

Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 9.9 6.8 10.2



#93

Benzo(a)pyrene

Concen: 0.183 ng/ul

RT: 24.010 min Scan# 3540

Delta R.T. 0.171 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

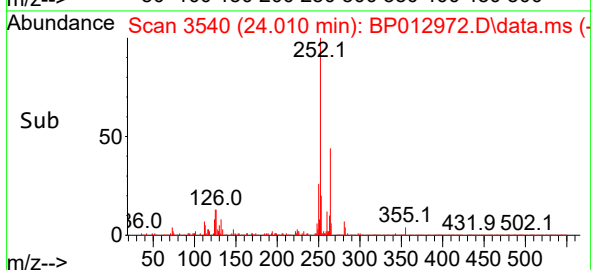
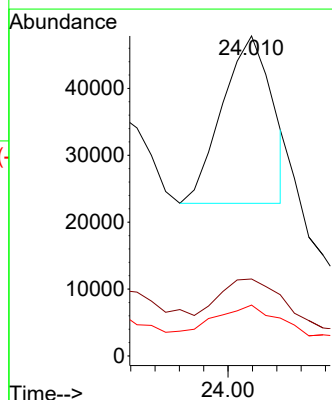
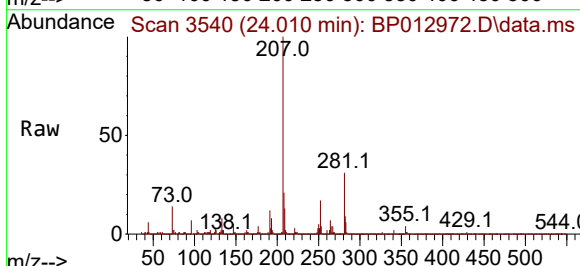
Tgt Ion:252 Resp: 35704

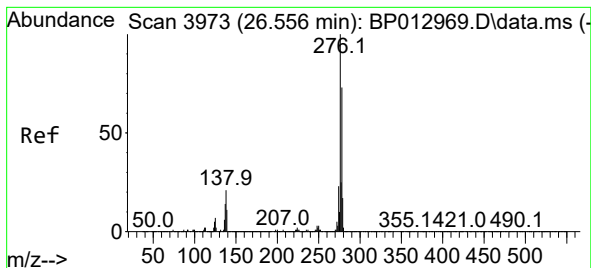
Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

125 15.9 7.5 11.3#





#94

Indeno(1,2,3-cd)pyrene

Concen: 139.547 ng/ul

RT: 26.604 min Scan# 3981

Delta R.T. 0.047 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

Instrument :

BNA_P

ClientSampleId :

SSTD160643

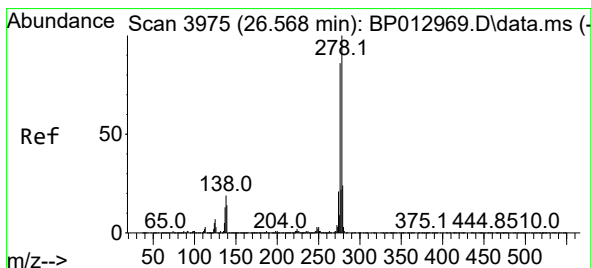
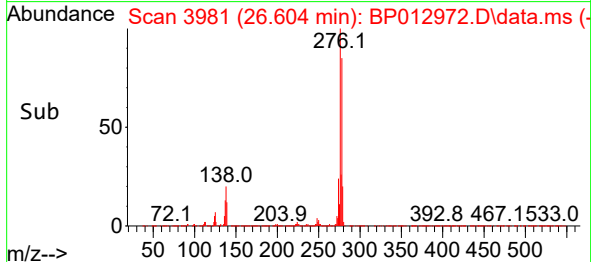
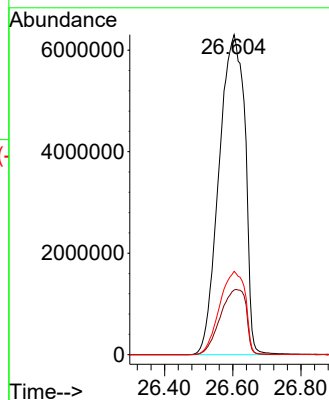
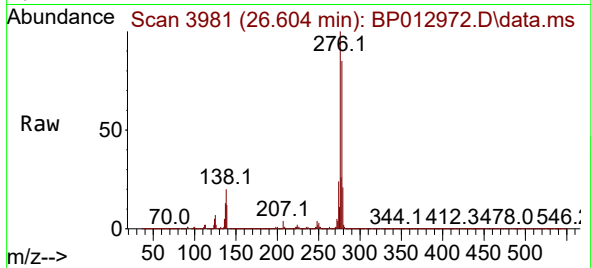
Tgt Ion:276 Resp:33245620

Ion Ratio Lower Upper

276 100

138 20.2 17.1 25.7

277 26.0 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 123.572 ng/ul

RT: 26.627 min Scan# 3985

Delta R.T. 0.059 min

Lab File: BP012972.D

Acq: 07 Dec 2022 15:37

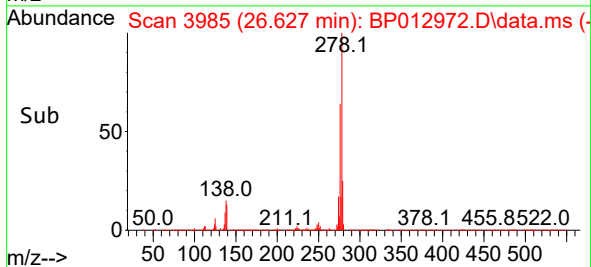
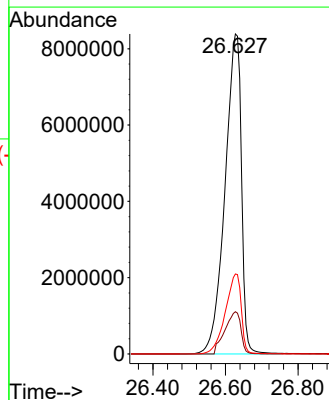
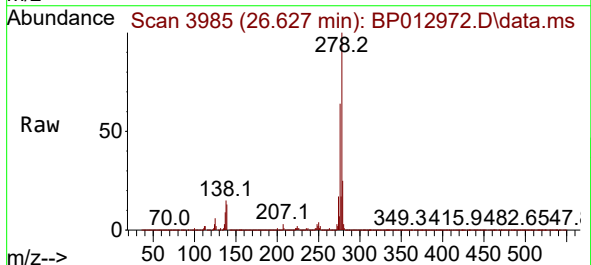
Tgt Ion:278 Resp:26358782

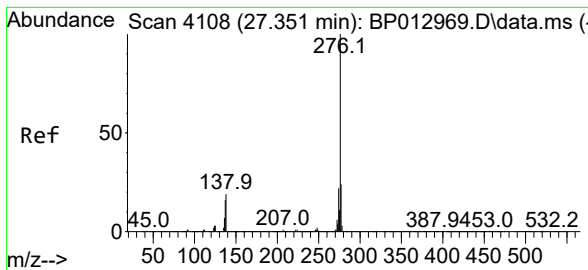
Ion Ratio Lower Upper

278 100

139 13.2 11.1 16.7

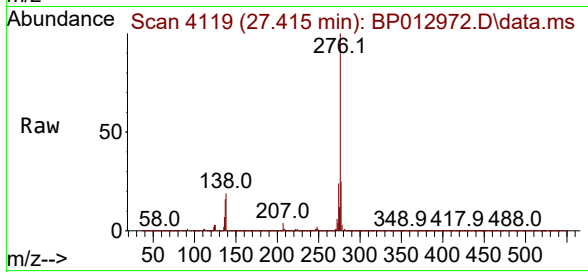
279 25.0 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 132.821 ng/ul
 RT: 27.415 min Scan# 41
 Delta R.T. 0.065 min
 Lab File: BP012972.D
 Acq: 07 Dec 2022 15:37

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160643



Tgt Ion:276 Resp:27468179

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.4	23.2
277	25.1	19.1	28.7

