

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP012983.D
 Acq On : 08 Dec 2022 14:15
 Operator : CG/JU
 Sample : PB149448BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 01:53:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	526142	20.000	ng/u1	0.00
20) Naphthalene-d8	10.792	136	2272615	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1509263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	3428029	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	3281137	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	3480145	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	73800	5.997	ng/uL	0.00
4) Pyridine-d5	3.781	84	1062896	30.407	ng/u1	0.00
7) Phenol-d5	7.134	99	1434358	33.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.304	67	860482	33.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	1144976	33.939	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	1157222	32.956	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	562625	33.695	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	635338	33.798	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	1240659	33.979	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	1555856	30.184	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	3827983	33.002	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	4224825	33.147	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	699513	33.526	ng/u1	0.00
60) Fluorene-d10	15.610	176	3241016	33.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	707509	32.072	ng/u1	0.00
73) Anthracene-d10	17.474	188	5072614	32.800	ng/u1	0.00
81) Pyrene-d10	19.704	212	6180099	32.814	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	5971594	34.425	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	159663	12.429	ng/uL	98
5) Pyridine	3.804	79	1088740	31.338	ng/u1	98
6) Benzaldehyde	7.110	77	725328	43.224	ng/u1	99
8) Phenol	7.157	94	1554346	35.872	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.392	93	1226187	34.478	ng/u1	98
12) 2-Chlorophenol	7.540	128	1231477	35.596	ng/u1	100
13) 2-Methylphenol	8.422	108	1187277	35.146	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	1757939	36.022	ng/u1	98
16) Acetophenone	8.810	105	1875980	34.843	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.792	70	951627	35.148	ng/u1	99
18) 4-Methylphenol	8.751	108	1311211	35.043	ng/u1	99
19) Hexachloroethane	9.063	117	467430	33.811	ng/u1	97
22) Nitrobenzene	9.186	77	1378124	35.172	ng/u1	99
23) Isophorone	9.716	82	2732466	34.489	ng/u1	98
25) 2-Nitrophenol	9.904	139	724061	35.549	ng/u1	99
26) 2,4-Dimethylphenol	9.957	107	1329347	33.450	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.198	93	1716221	33.878	ng/u1	100
29) 2,4-Dichlorophenol	10.433	162	1279917	35.785	ng/u1	99
30) Naphthalene	10.845	128	4040139	33.992	ng/u1	100
32) 4-Chloroaniline	10.951	127	1348516	26.437	ng/u1	98
33) Hexachlorobutadiene	11.128	225	839260	34.175	ng/u1	99
34) Caprolactam	11.739	113	215951	17.707	ng/u1	95
35) 4-Chloro-3-methylphenol	12.069	107	1337599	36.645	ng/u1	96
36) 2-Methylnaphthalene	12.445	142	2852144	34.979	ng/u1	100

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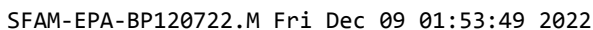
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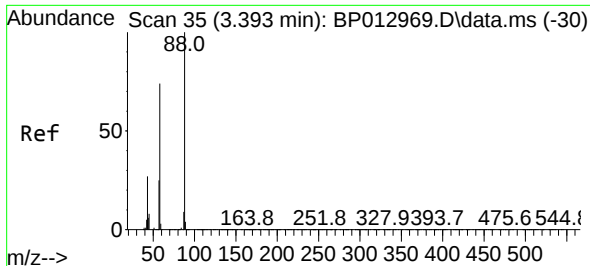
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2861353	34.123	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	1682405	34.618	ng/ul	99
40) Hexachlorocyclopentadiene	12.792	237	850876	26.905	ng/ul	100
41) 2,4,6-Trichlorophenol	13.051	196	1098563	35.173	ng/ul	100
42) 2,4,5-Trichlorophenol	13.122	196	1205667	35.938	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	3823139	33.728	ng/ul	100
44) 2-Chloronaphthalene	13.492	162	3040415	34.081	ng/ul	99
45) 2-Nitroaniline	13.698	65	819302	37.879	ng/ul	98
47) Dimethylphthalate	14.069	163	3999634	34.790	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	794057	37.165	ng/ul	98
50) Acenaphthylene	14.339	152	4645579	33.902	ng/ul	99
51) 3-Nitroaniline	14.522	138	771957	38.264	ng/ul	99
52) Acenaphthene	14.680	153	3245282	34.176	ng/ul	100
53) 2,4-Dinitrophenol	14.721	184	469343	32.137	ng/ul	99
55) 4-Nitrophenol	14.821	109	515957	36.241	ng/ul	98
56) Dibenzofuran	15.016	168	4606507	34.120	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	1157134	37.285	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1051544	34.346	ng/ul#	98
59) Diethylphthalate	15.433	149	3913794	35.020	ng/ul	99
61) Fluorene	15.663	166	3760429	34.730	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	2000752	34.942	ng/ul	99
63) 4-Nitroaniline	15.686	138	823296	46.377	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	738989	34.280	ng/ul	99
67) N-Nitrosodiphenylamine	15.868	169	3297825	34.700	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	1281506	34.423	ng/ul	99
69) Hexachlorobenzene	16.668	284	1534336	34.711	ng/ul	98
70) Atrazine	16.827	200	794663	21.457	ng/ul	99
71) Pentachlorophenol	17.015	266	869196	32.469	ng/ul	99
72) Phenanthrene	17.415	178	6237950	34.936	ng/ul	100
74) Anthracene	17.510	178	6186368	34.700	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	1691124	34.577	ng/ul	100
76) Pentachlorobenzene	14.933	250	1693778	33.967	ng/ul	100
77) Carbazole	17.774	167	5593160	37.252	ng/ul	99
78) Di-n-butylphthalate	18.315	149	6689868	36.594	ng/ul	100
80) Fluoranthene	19.374	202	7490804	35.043	ng/ul	100
82) Pyrene	19.727	202	7706768	34.951	ng/ul	99
83) Butylbenzylphthalate	20.592	149	3010892	35.345	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.368	252	2591352	34.960	ng/ul	100
85) Benzo(a)anthracene	21.439	228	7753133	35.594	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	4345345	36.162	ng/ul	98
87) Chrysene	21.498	228	7310276	35.489	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	7553834	38.744	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	7905182	35.622	ng/ul	99
91) Benzo(k)fluoranthene	23.239	252	7887592	35.843	ng/ul	100
93) Benzo(a)pyrene	23.839	252	6975409	36.099	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.562	276	8282376	34.411	ng/ul	99
95) Dibenzo(a,h)anthracene	26.580	278	7334772	36.806	ng/ul	99
96) Benzo(g,h,i)perylene	27.362	276	6989405	36.171	ng/ul	99

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

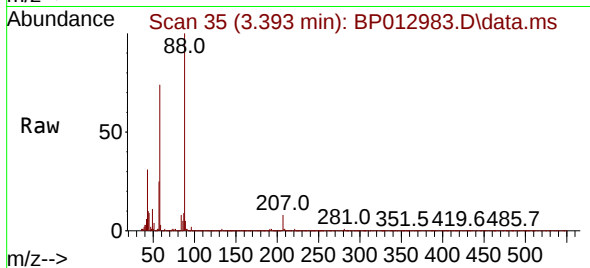
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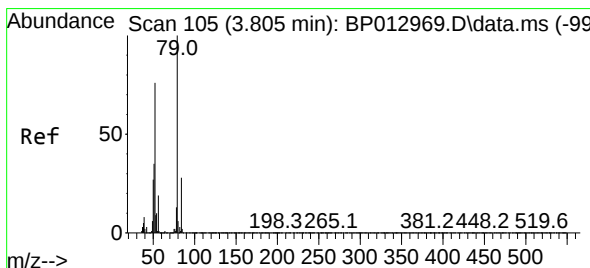
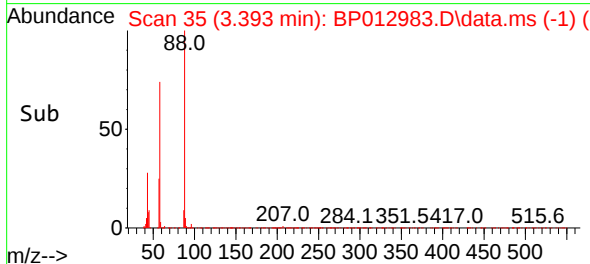
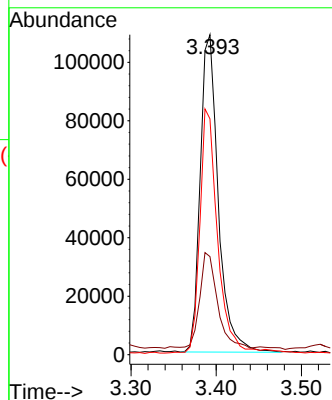


#2
1,4-Dioxane
Concen: 12.429 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP012983.D
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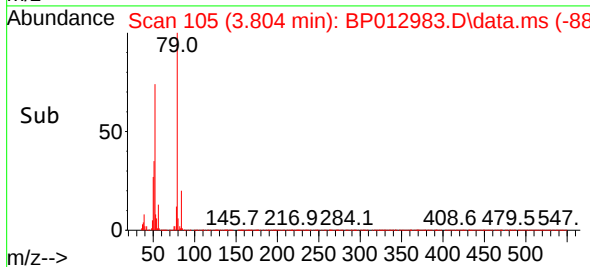
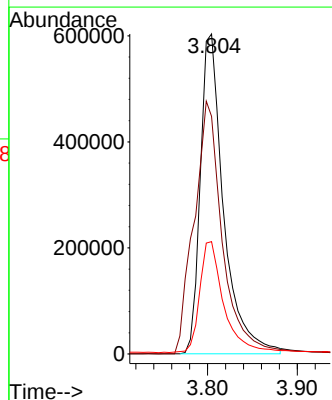
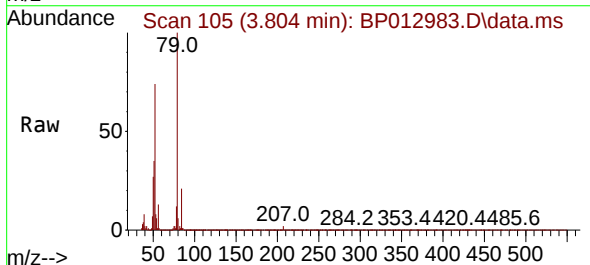


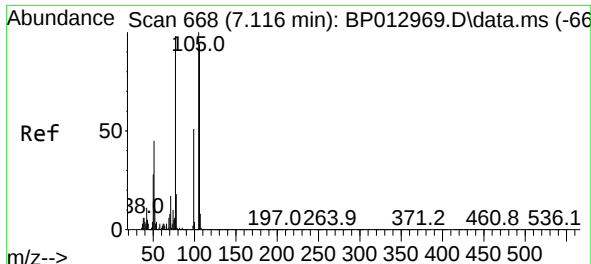
Tgt Ion: 88 Resp: 159663
Ion Ratio Lower Upper
88 100
43 30.7 22.4 33.6
58 73.7 58.2 87.4



#5
Pyridine
Concen: 31.338 ng/uL
RT: 3.804 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion: 79 Resp: 1088740
Ion Ratio Lower Upper
79 100
52 74.3 60.7 91.1
51 35.1 28.9 43.3

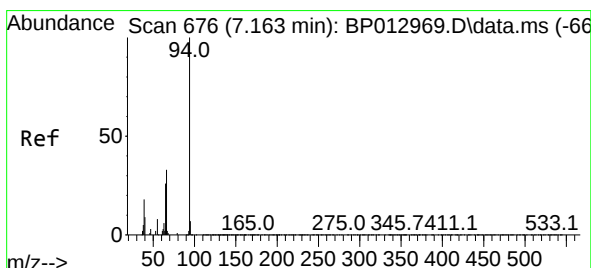
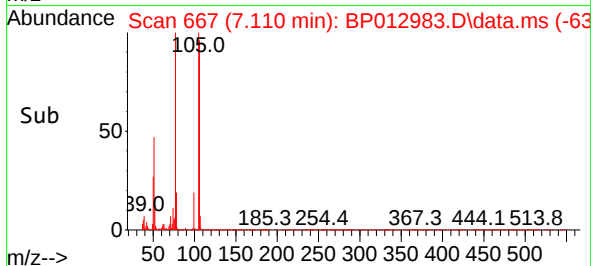
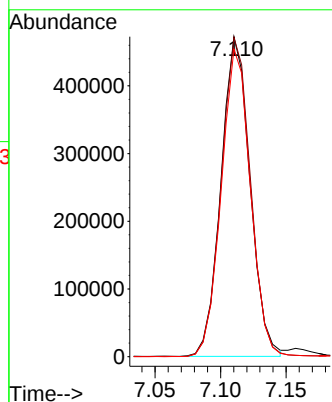
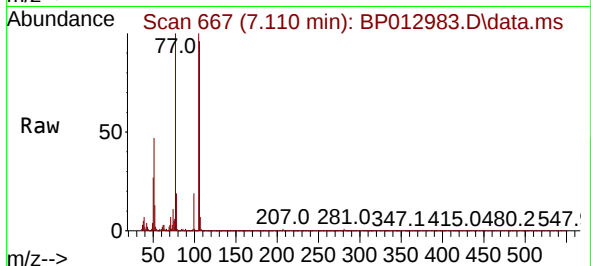




#6
Benzaldehyde
Concen: 43.224 ng/ul
RT: 7.110 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

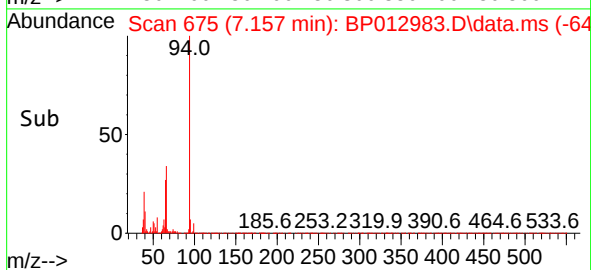
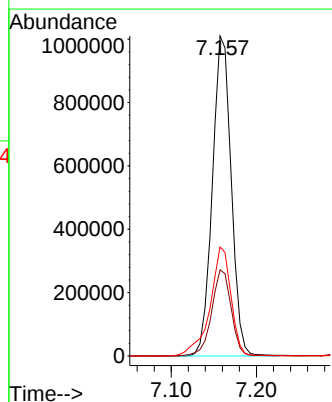
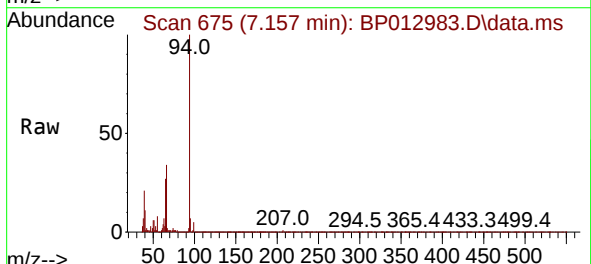
Instrument :
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ClientSampleId :

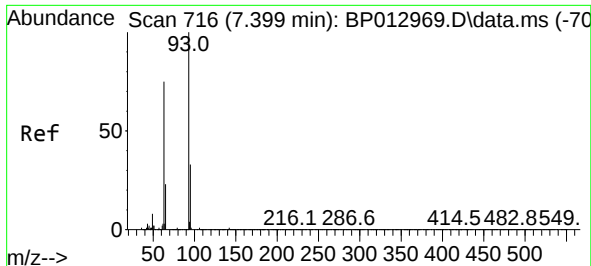
Tgt Ion: 77 Resp: 725328
Ion Ratio Lower Upper
77 100
105 99.8 81.5 122.3
106 96.2 76.9 115.3



#8
Phenol
Concen: 35.872 ng/ul
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

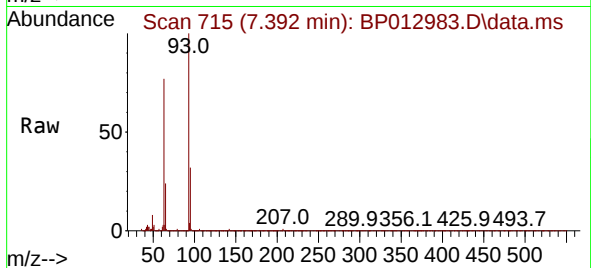
Tgt Ion: 94 Resp: 1554346
Ion Ratio Lower Upper
94 100
65 26.9 21.1 31.7
66 34.0 27.0 40.6





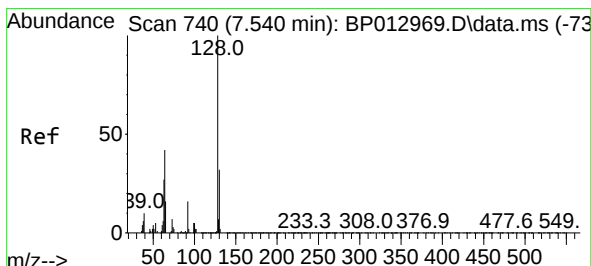
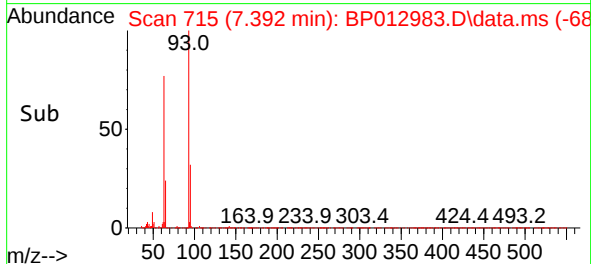
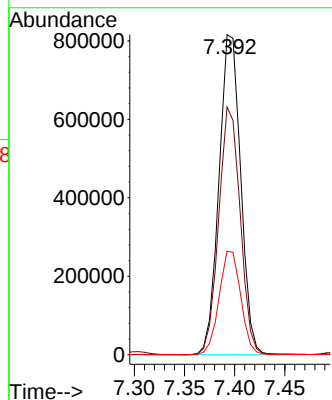
#10
 Bis(2-Chloroethyl)ether
 Concen: 34.478 ng/ul
 RT: 7.392 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: BP012983.D
 Acq: 08 Dec 2022 14:15

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 1226187

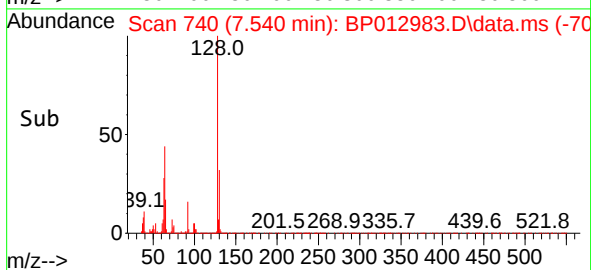
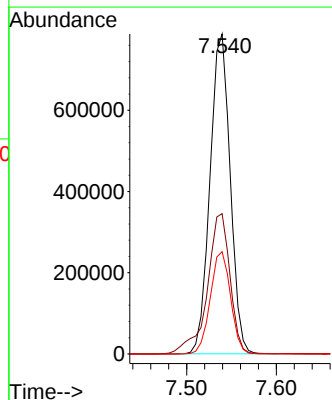
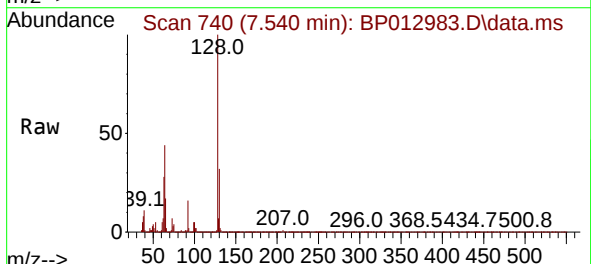
Ion	Ratio	Lower	Upper
93	100		
63	77.4	59.8	89.8
95	32.4	26.4	39.6

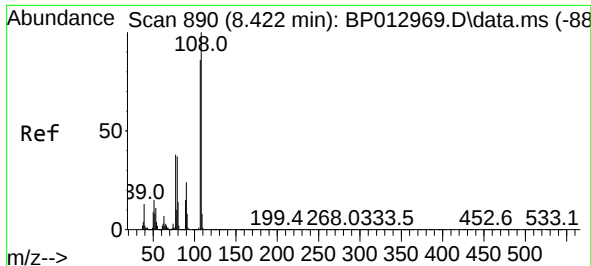


#12
 2-Chlorophenol
 Concen: 35.596 ng/ul
 RT: 7.540 min Scan# 740
 Delta R.T. -0.000 min
 Lab File: BP012983.D
 Acq: 08 Dec 2022 14:15

Tgt Ion:128 Resp: 1231477

Ion	Ratio	Lower	Upper
128	100		
64	43.8	34.9	52.3
130	32.0	25.8	38.6

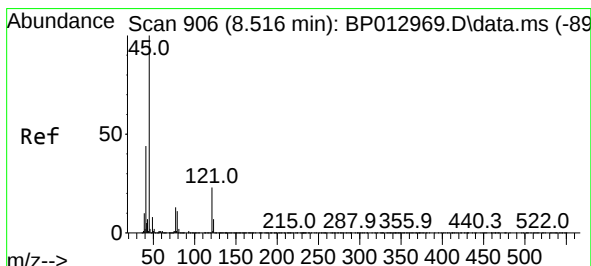
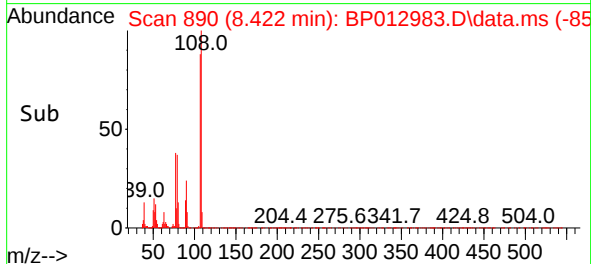
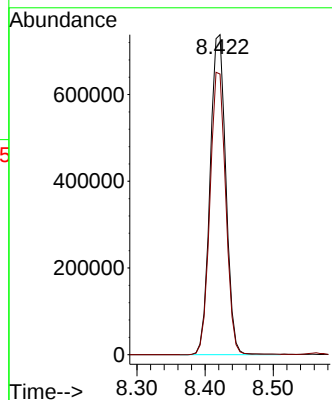
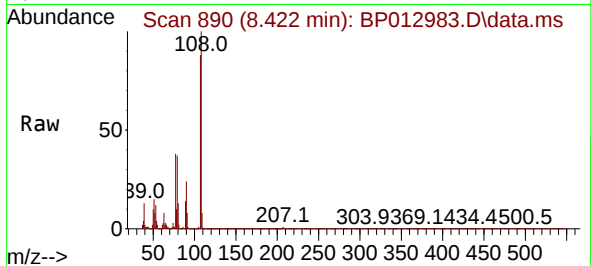




#13
2-Methylphenol
Concen: 35.146 ng/ul
RT: 8.422 min Scan# 890
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

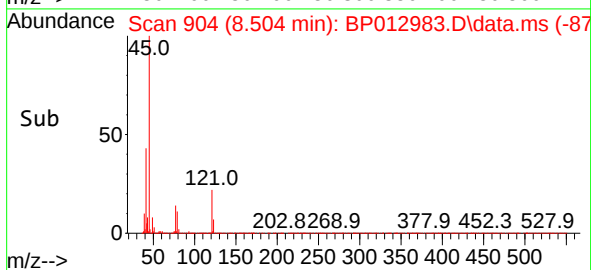
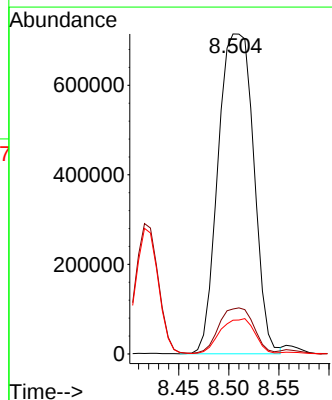
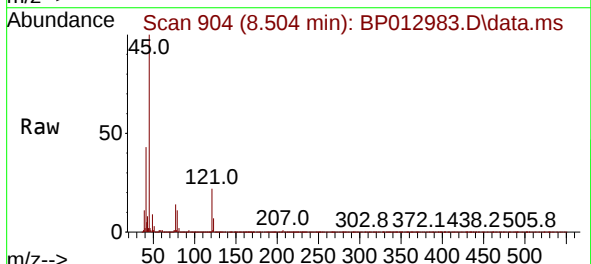
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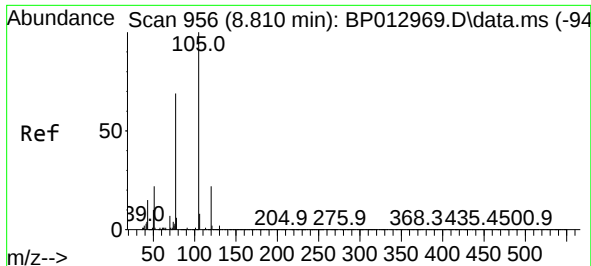
Tgt Ion:108 Resp: 1187277
Ion Ratio Lower Upper
108 100
107 87.7 69.1 103.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.022 ng/ul
RT: 8.504 min Scan# 904
Delta R.T. -0.012 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion: 45 Resp: 1757939
Ion Ratio Lower Upper
45 100
77 14.1 11.0 16.6
79 10.6 9.3 13.9

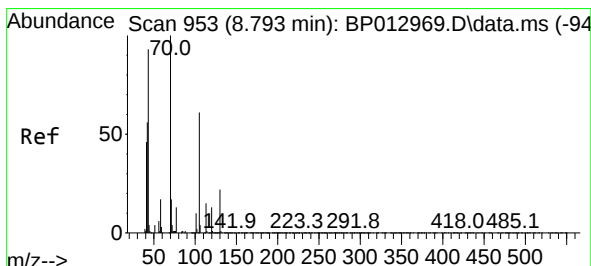
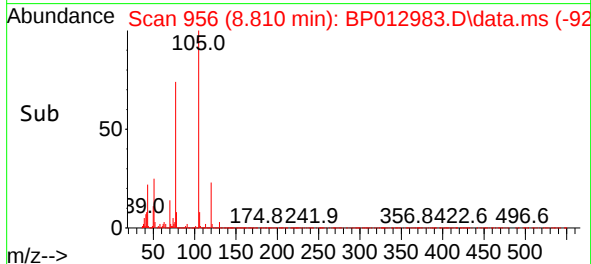
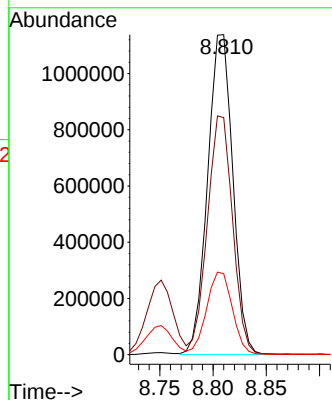
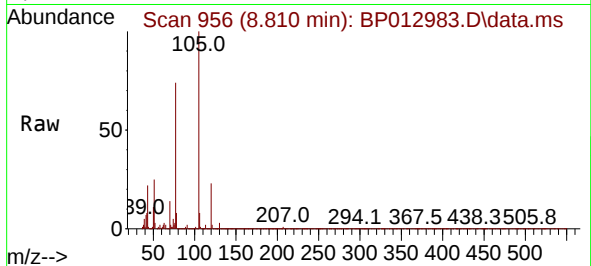




#16
Acetophenone
Concen: 34.843 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

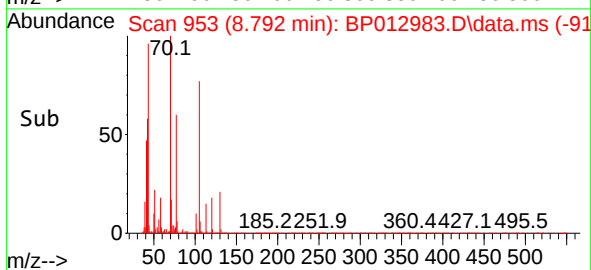
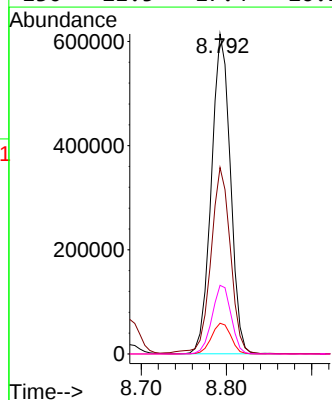
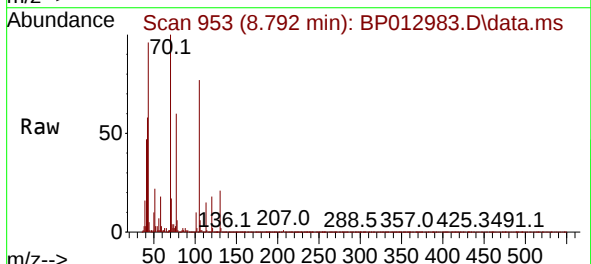
Instrument :
BNA_P
ClientSampleId :

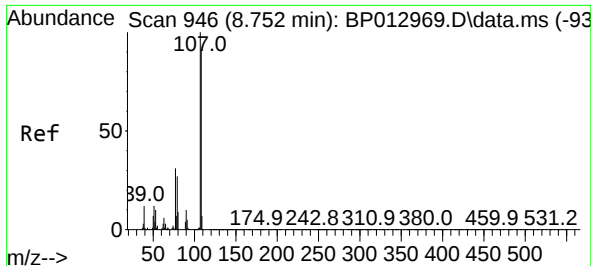
Tgt Ion:105 Resp: 1875980
Ion Ratio Lower Upper
105 100
77 74.1 59.3 88.9
51 25.3 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.148 ng/ul
RT: 8.792 min Scan# 953
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion: 70 Resp: 951627
Ion Ratio Lower Upper
70 100
42 58.2 45.5 68.3
101 9.6 7.9 11.9
130 21.5 17.4 26.2

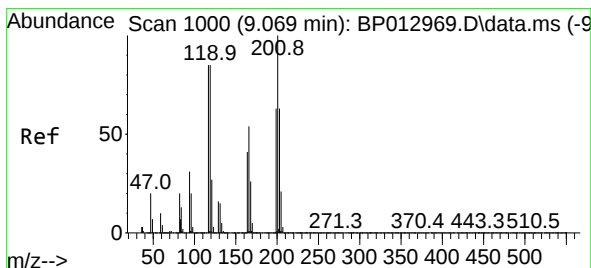
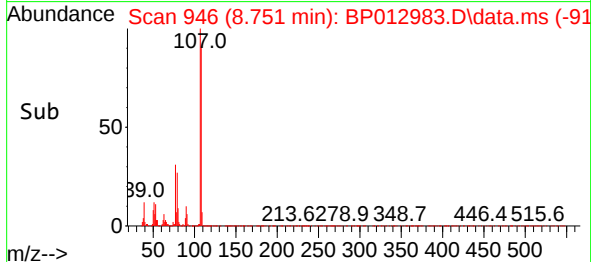
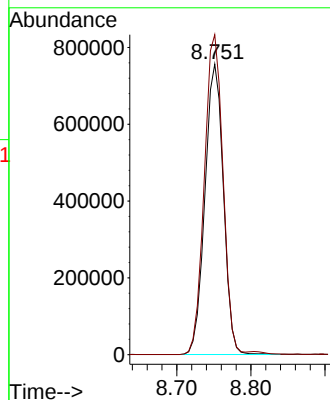
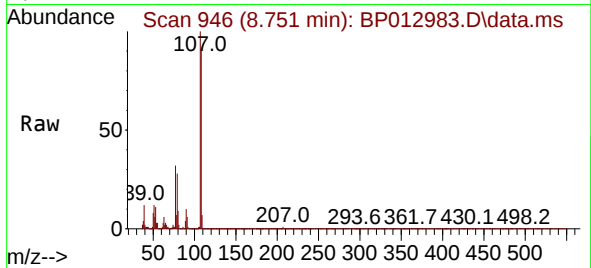




#18
4-Methylphenol
Concen: 35.043 ng/ul
RT: 8.751 min Scan# 946
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

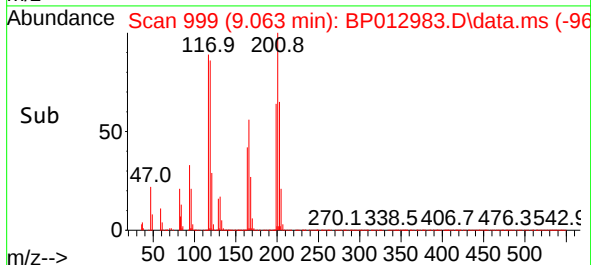
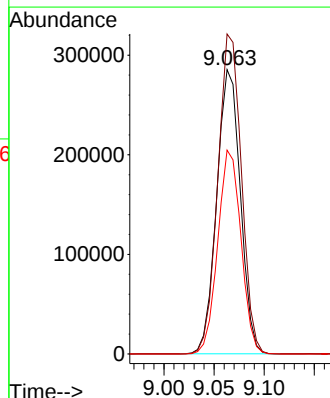
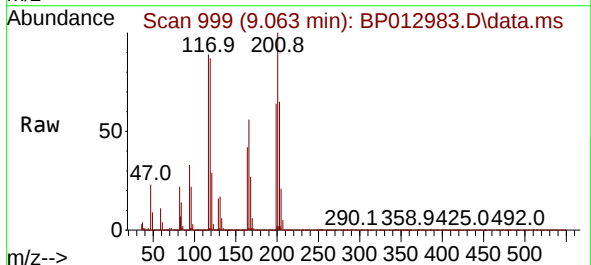
Instrument :
BNA_P
ClientSampleId :

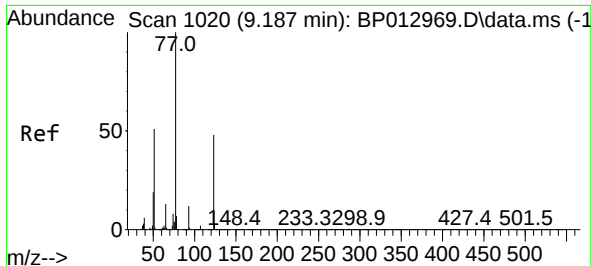
Tgt Ion:108 Resp: 1311211
Ion Ratio Lower Upper
108 100
107 110.1 87.4 131.2



#19
Hexachloroethane
Concen: 33.811 ng/ul
RT: 9.063 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:117 Resp: 467430
Ion Ratio Lower Upper
117 100
201 112.6 93.7 140.5
199 71.7 58.6 88.0

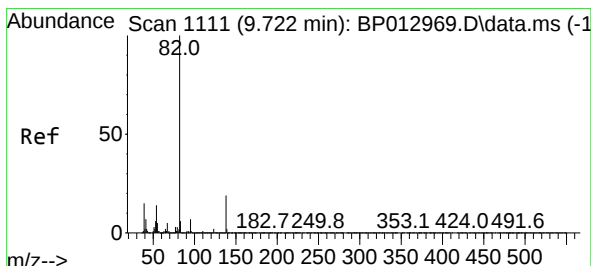
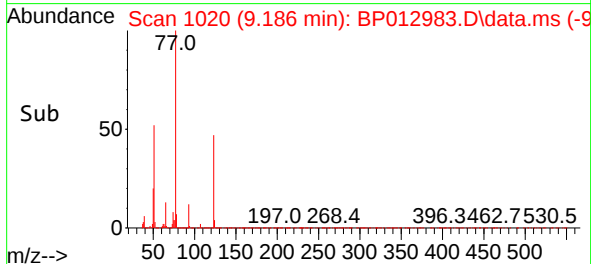
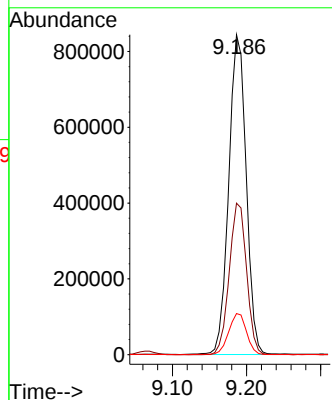
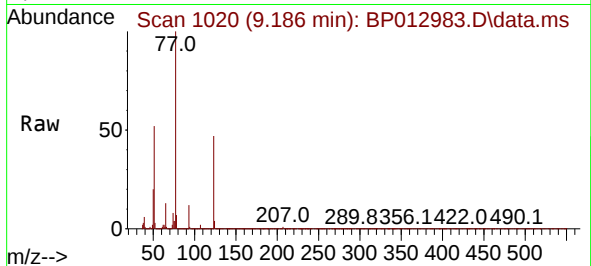




#22
Nitrobenzene
Concen: 35.172 ng/ul
RT: 9.186 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

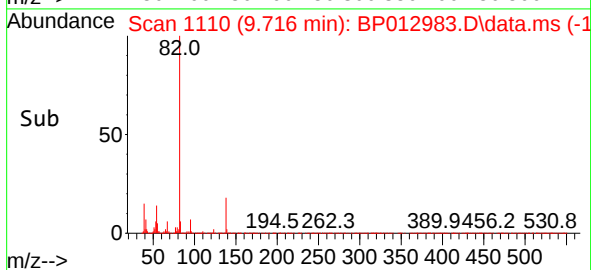
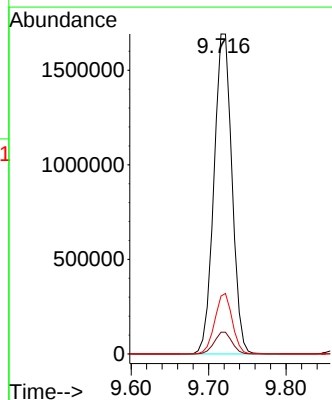
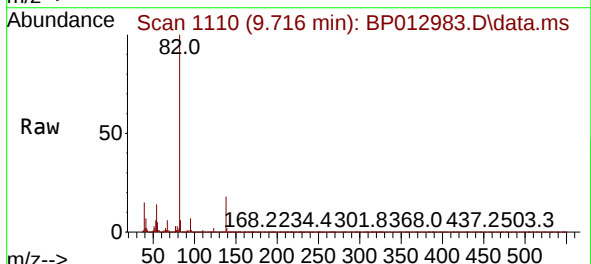
Instrument :
BNA_P
ClientSampleId :

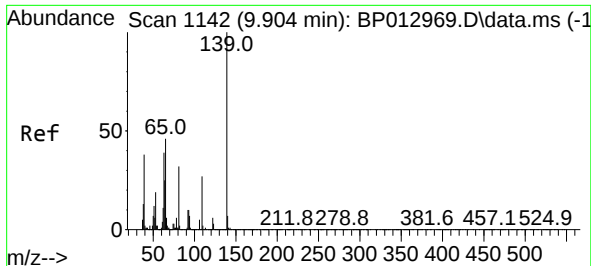
Tgt Ion: 77 Resp: 1378124
Ion Ratio Lower Upper
77 100
123 47.4 38.3 57.5
65 12.9 10.3 15.5



#23
Isophorone
Concen: 34.489 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion: 82 Resp: 2732466
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.1 15.3 22.9

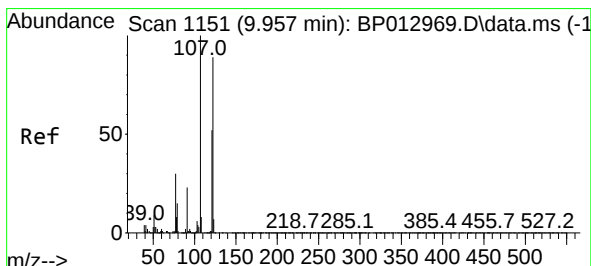
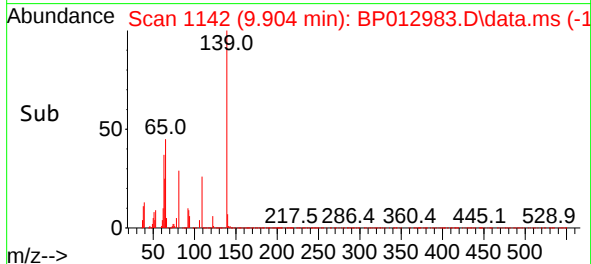
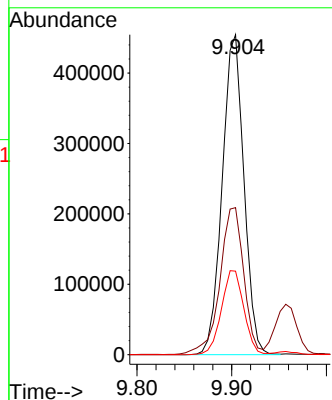
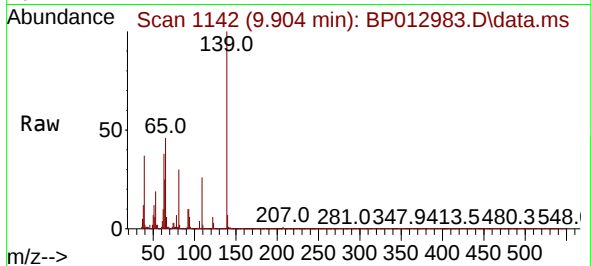




#25
2-Nitrophenol
Concen: 35.549 ng/ul
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

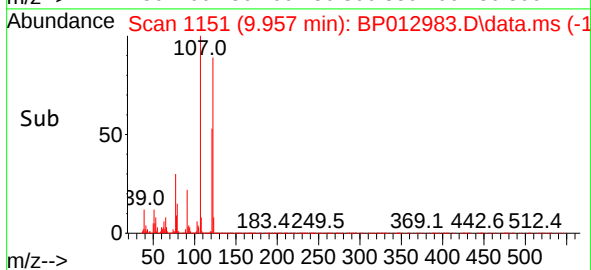
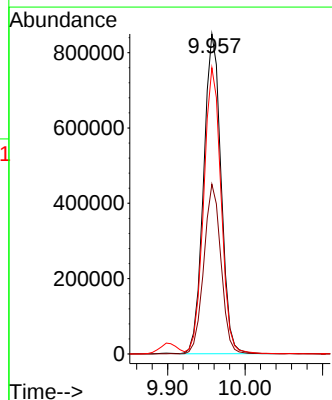
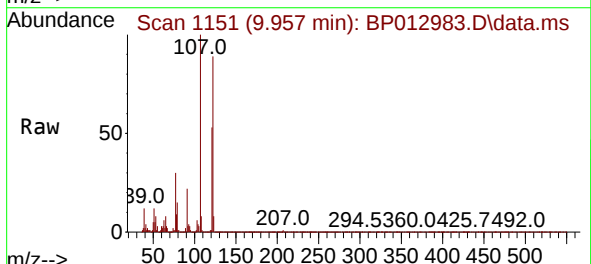
Instrument :
BNA_P
ClientSampleId :

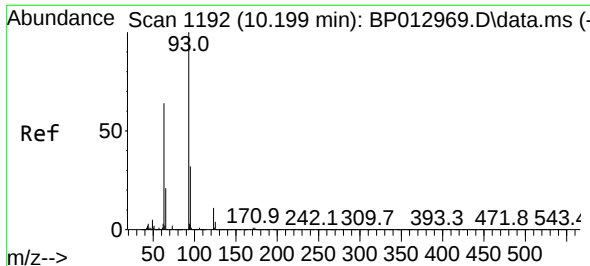
Tgt Ion:139 Resp: 724061
Ion Ratio Lower Upper
139 100
65 46.0 36.6 54.8
109 26.1 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 33.450 ng/ul
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:107 Resp: 1329347
Ion Ratio Lower Upper
107 100
121 53.1 41.8 62.6
122 89.5 72.6 108.8

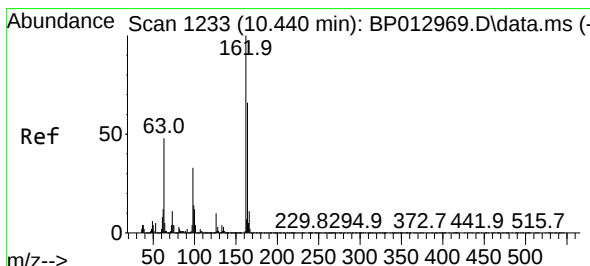
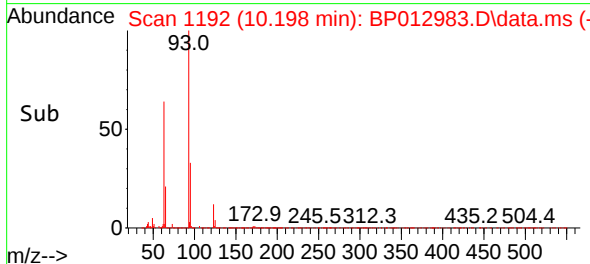
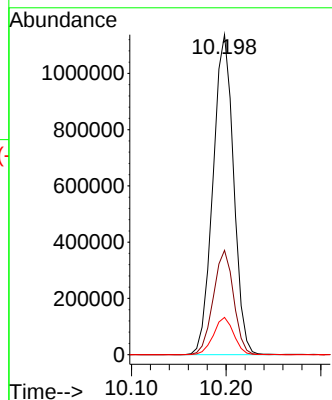
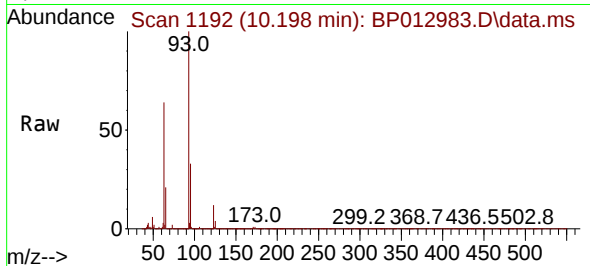




#27
Bis(2-Chloroethoxy)methane
Concen: 33.878 ng/ul
RT: 10.198 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

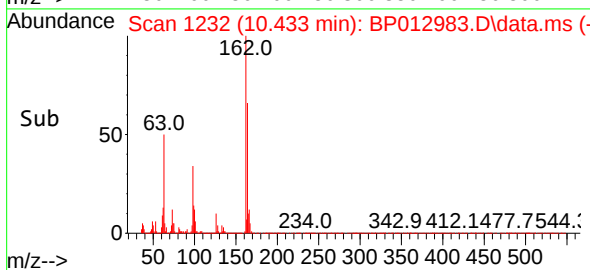
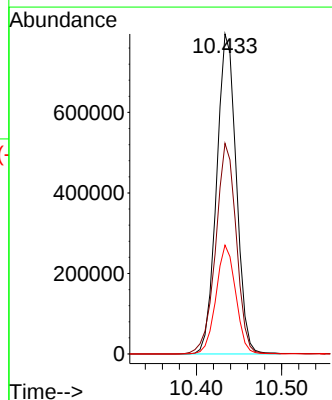
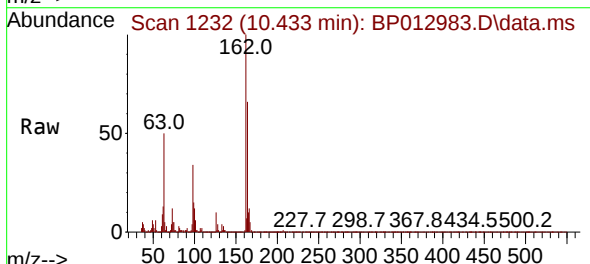
Instrument :
BNA_P
ClientSampleId :

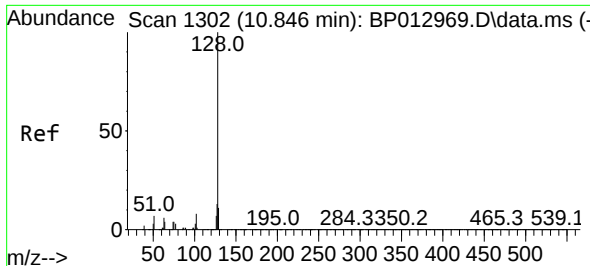
Tgt Ion: 93 Resp: 1716221
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.6 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 35.785 ng/ul
RT: 10.433 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:162 Resp: 1279917
Ion Ratio Lower Upper
162 100
164 65.8 52.5 78.7
98 34.0 26.6 39.8

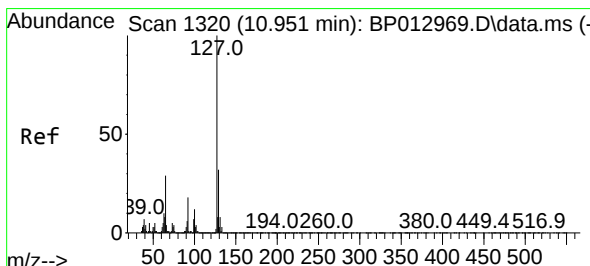
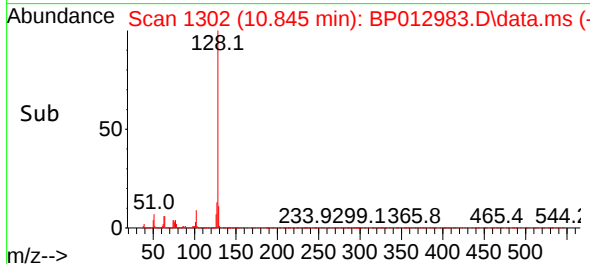
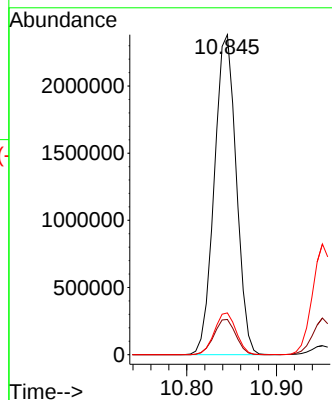
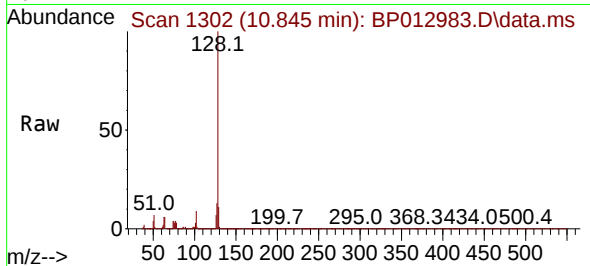




#30
Naphthalene
Concen: 33.992 ng/ul
RT: 10.845 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

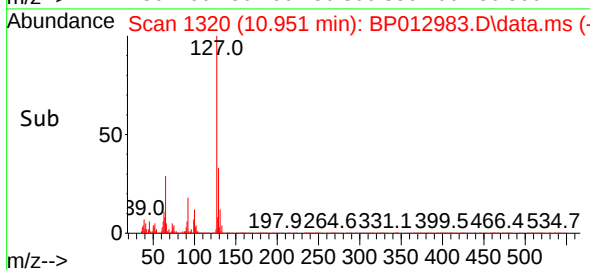
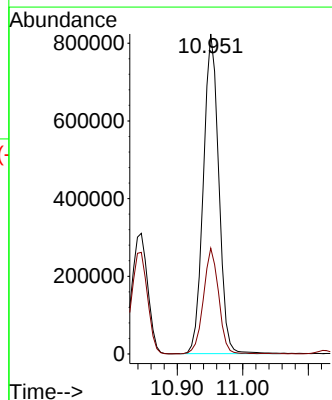
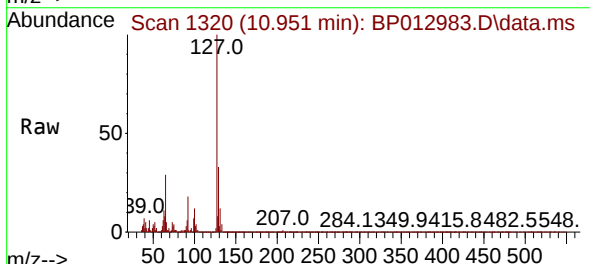
Instrument :
BNA_P
ClientSampleId :

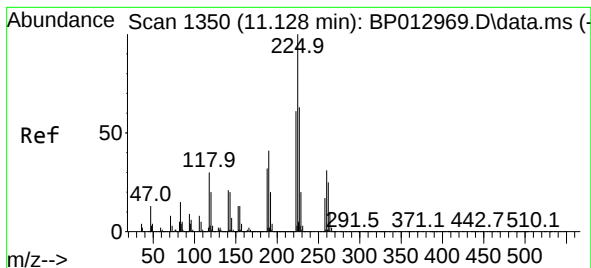
Tgt Ion:128 Resp: 4040139
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 26.437 ng/ul
RT: 10.951 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:127 Resp: 1348516
Ion Ratio Lower Upper
127 100
129 33.1 25.6 38.4





#33

Hexachlorobutadiene

Concen: 34.175 ng/ul

RT: 11.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

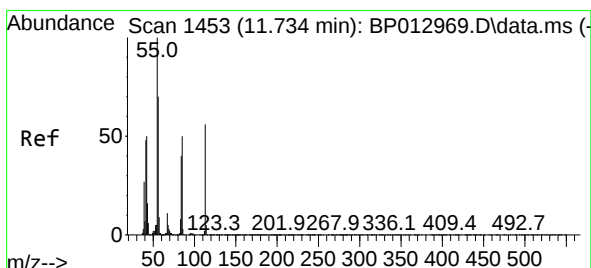
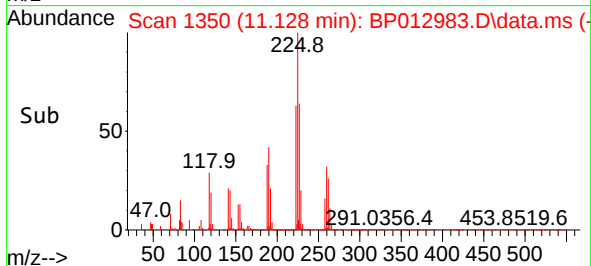
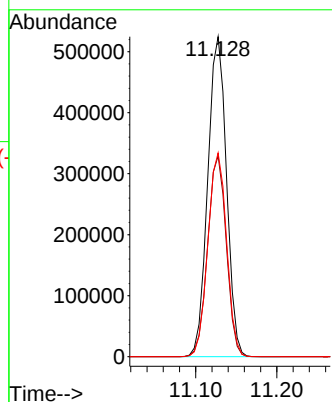
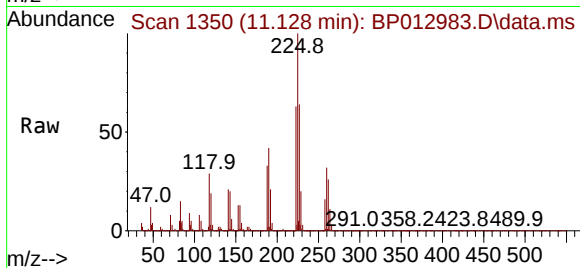
Tgt Ion:225 Resp: 839260

Ion Ratio Lower Upper

225 100

223 62.7 49.2 73.8

227 63.7 50.2 75.2



#34

Caprolactam

Concen: 17.707 ng/ul

RT: 11.739 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

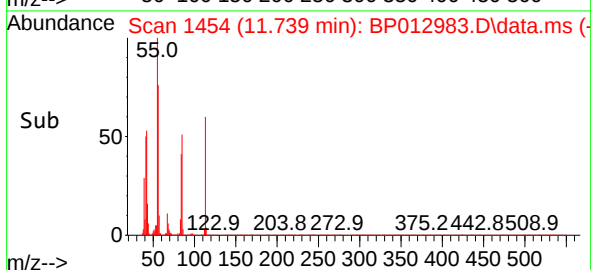
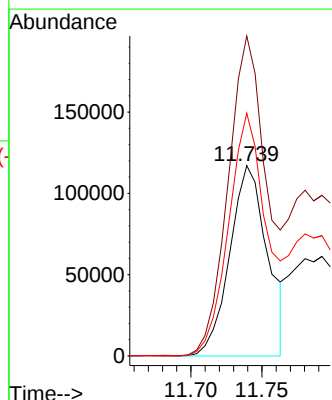
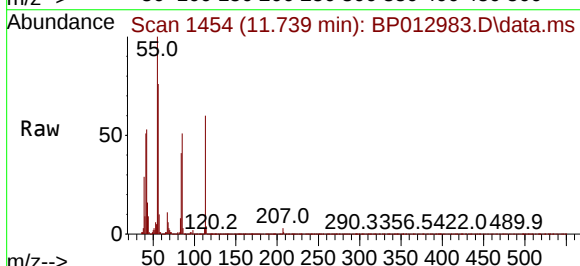
Tgt Ion:113 Resp: 215951

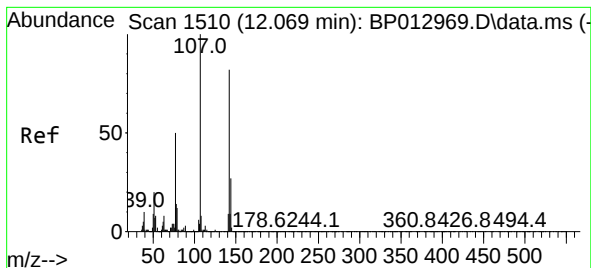
Ion Ratio Lower Upper

113 100

55 168.0 141.9 212.9

56 127.4 99.6 149.4

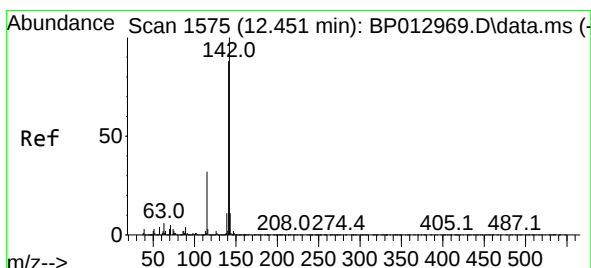
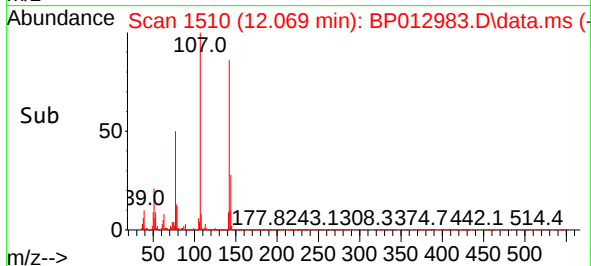
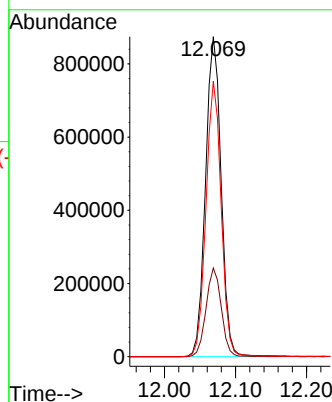
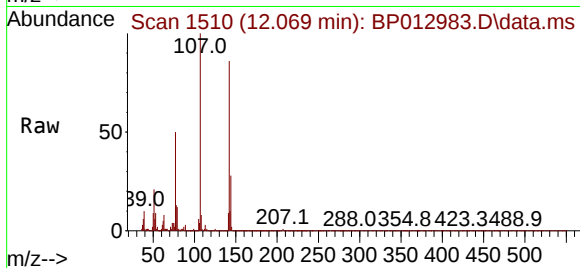




#35
4-Chloro-3-methylphenol
Concen: 36.645 ng/ul
RT: 12.069 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

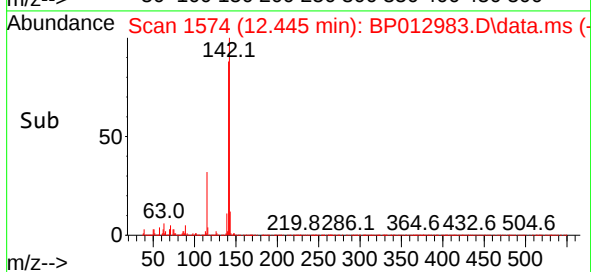
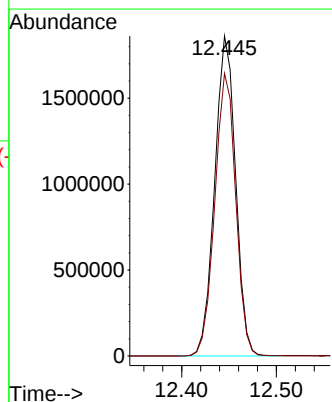
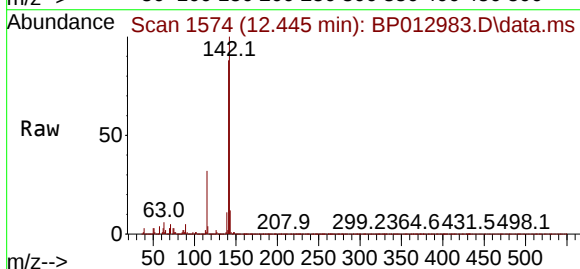
Instrument :
BNA_P
ClientSampleId :

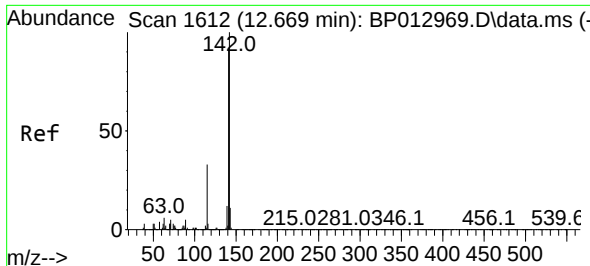
Tgt Ion:107 Resp: 1337599
Ion Ratio Lower Upper
107 100
144 27.7 21.4 32.2
142 86.1 65.8 98.6



#36
2-Methylnaphthalene
Concen: 34.979 ng/ul
RT: 12.445 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:142 Resp: 2852144
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

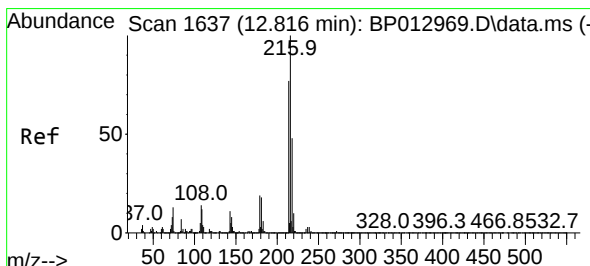
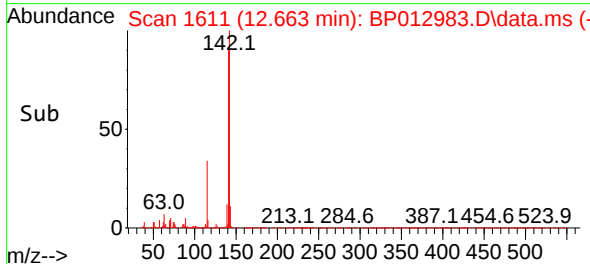
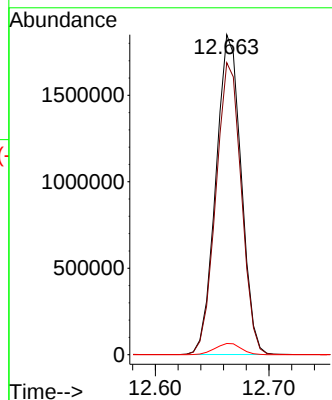
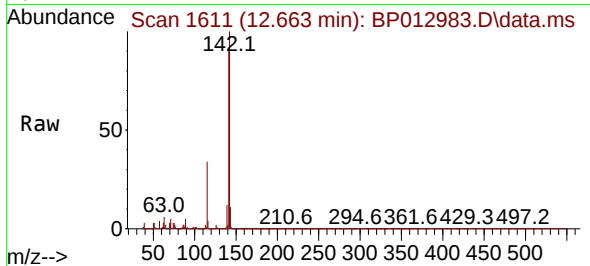




#37
1-Methylnaphthalene
Concen: 34.123 ng/ul
RT: 12.663 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

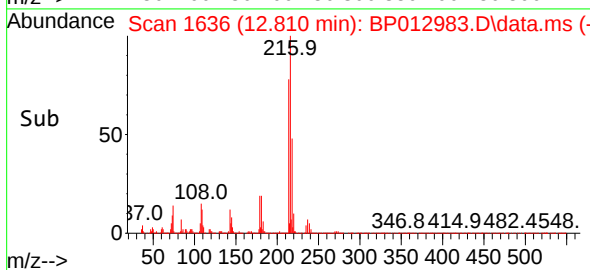
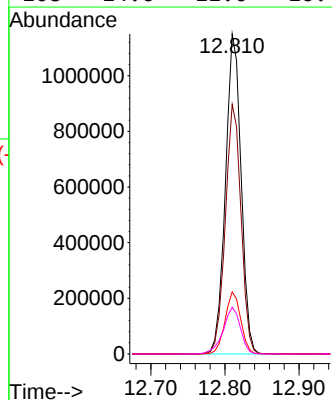
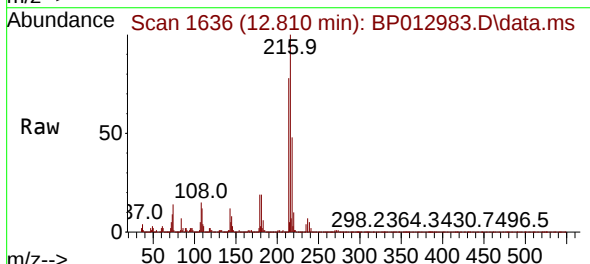
Instrument :
BNA_P
ClientSampleId :

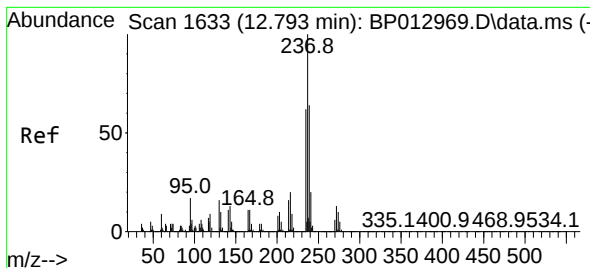
Tgt Ion:142 Resp: 2861353
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1
116 3.5 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.618 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:216 Resp: 1682405
Ion Ratio Lower Upper
216 100
214 78.0 61.9 92.9
179 19.4 15.0 22.6
108 14.6 11.0 16.4

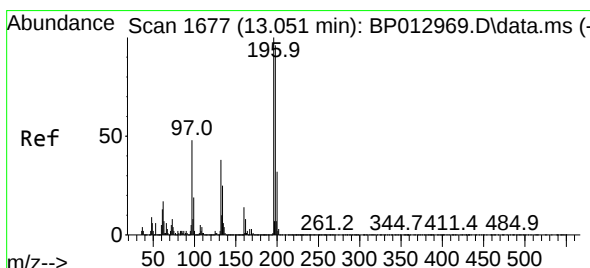
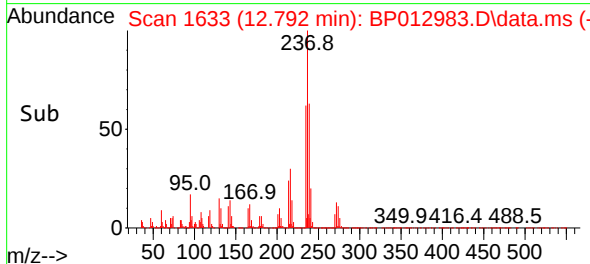
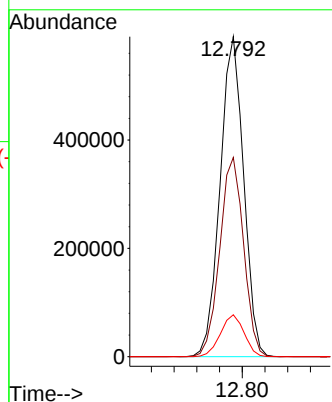
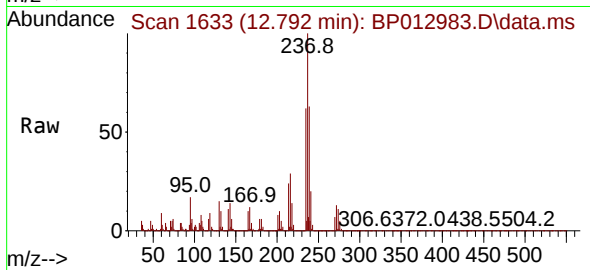




#40
Hexachlorocyclopentadiene
Concen: 26.905 ng/ul
RT: 12.792 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

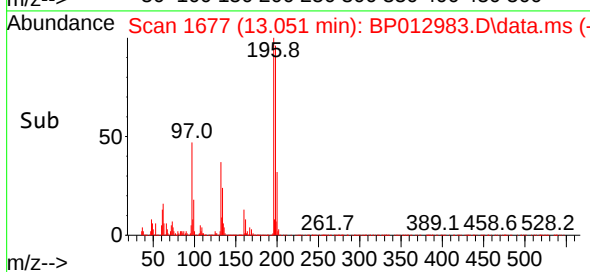
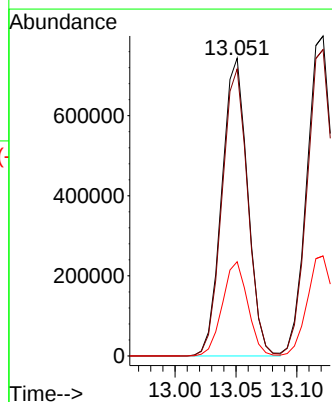
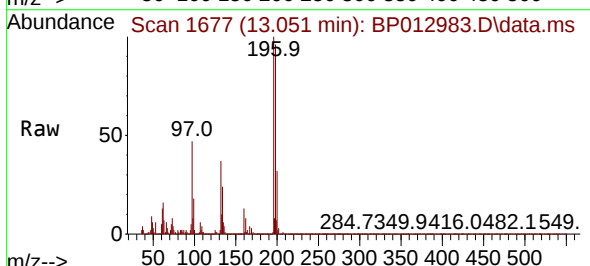
Instrument :
BNA_P
ClientSampleId :

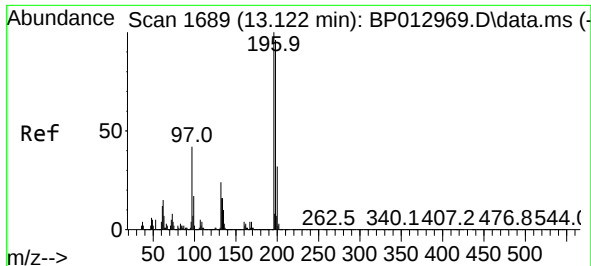
Tgt Ion:237 Resp: 850876
Ion Ratio Lower Upper
237 100
235 62.3 49.7 74.5
272 13.1 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 35.173 ng/ul
RT: 13.051 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:196 Resp: 1098563
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 31.7 25.3 37.9

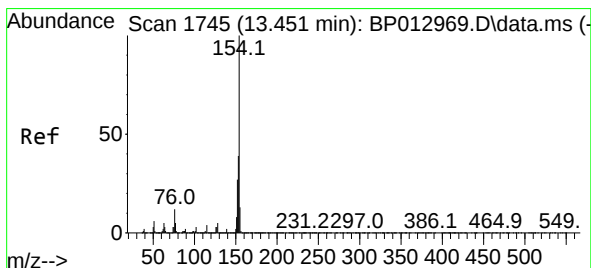
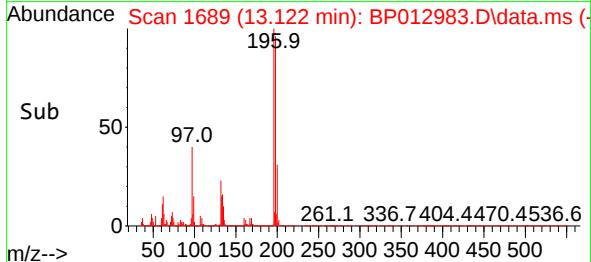
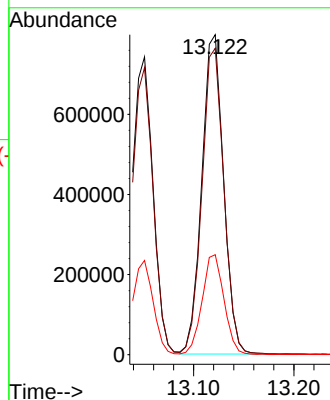
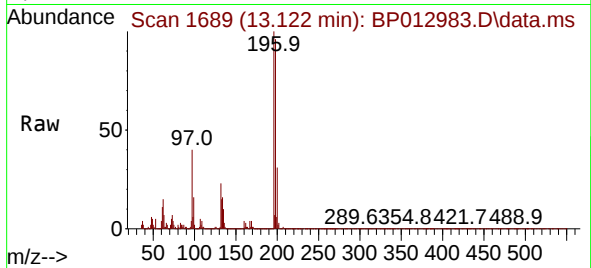




#42
2,4,5-Trichlorophenol
Concen: 35.938 ng/ul
RT: 13.122 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

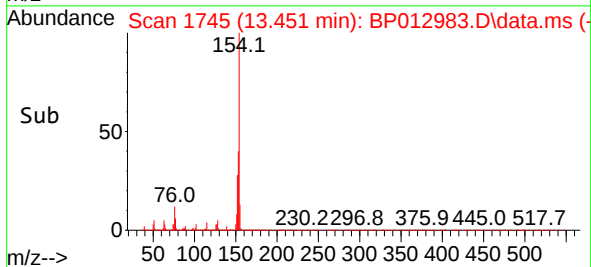
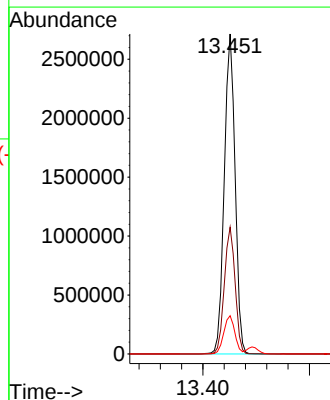
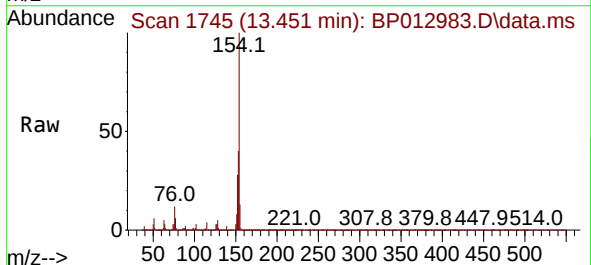
Instrument :
BNA_P
ClientSampleId :

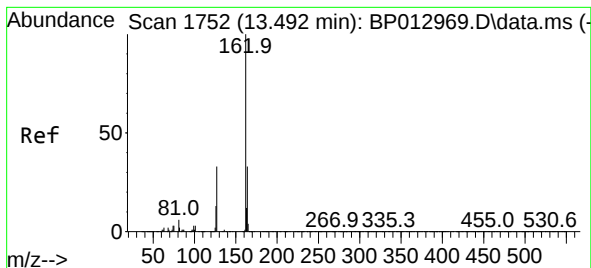
Tgt Ion:196 Resp: 1205667
Ion Ratio Lower Upper
196 100
198 95.8 77.1 115.7
200 31.2 25.4 38.2



#43
1,1'-Biphenyl
Concen: 33.728 ng/ul
RT: 13.451 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:154 Resp: 3823139
Ion Ratio Lower Upper
154 100
153 39.6 31.5 47.3
76 12.0 9.6 14.4





#44

2-Chloronaphthalene

Concen: 34.081 ng/ul

RT: 13.492 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

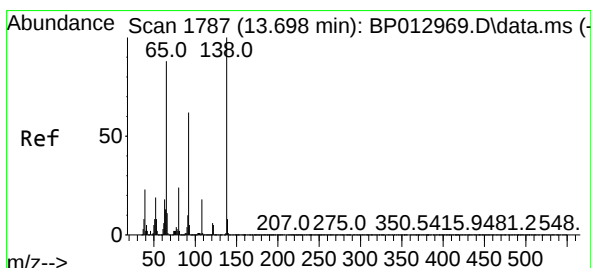
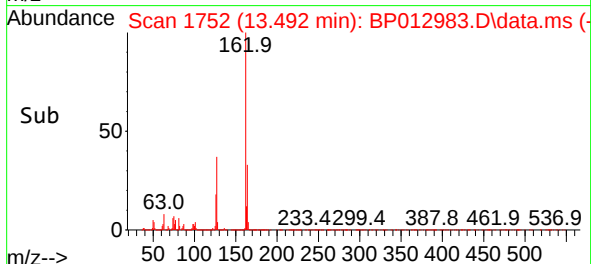
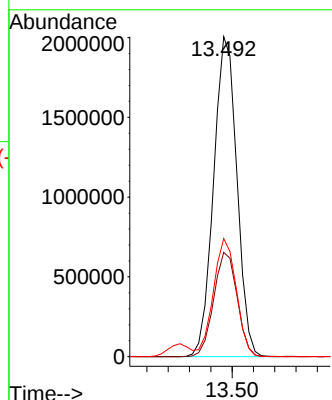
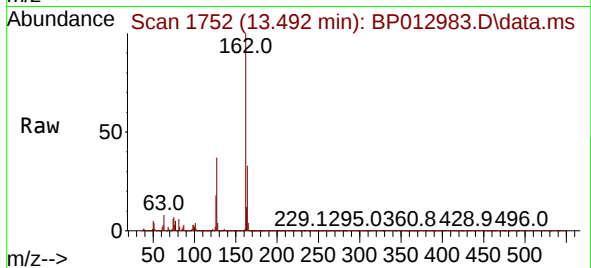
Tgt Ion:162 Resp: 3040415

Ion Ratio Lower Upper

162 100

164 32.6 26.3 39.5

127 36.9 29.3 43.9



#45

2-Nitroaniline

Concen: 37.879 ng/ul

RT: 13.698 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

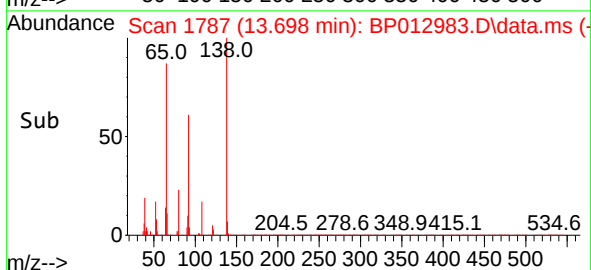
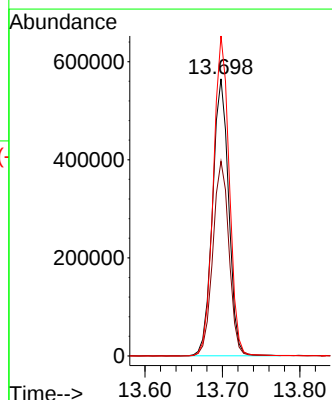
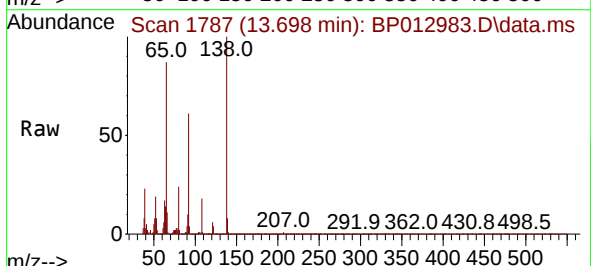
Tgt Ion: 65 Resp: 819302

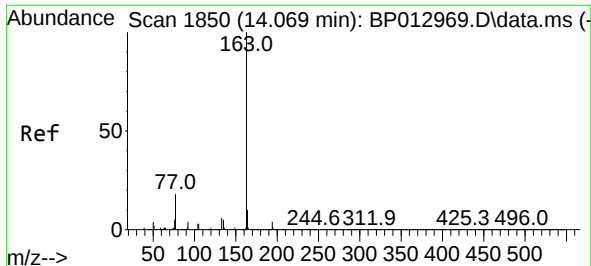
Ion Ratio Lower Upper

65 100

92 70.2 56.4 84.6

138 115.4 90.3 135.5

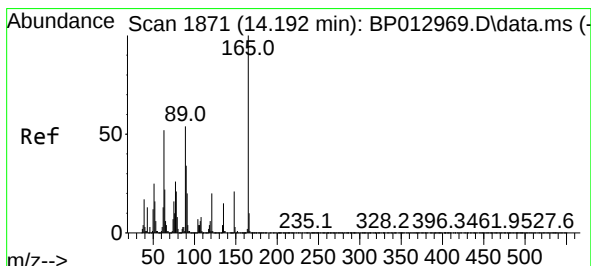
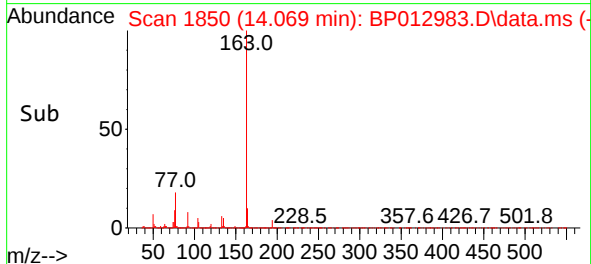
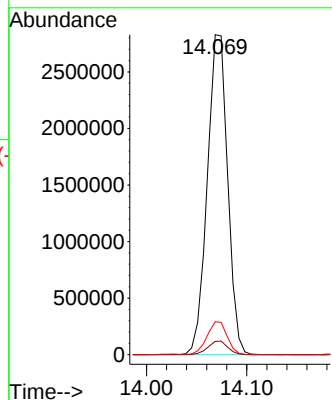
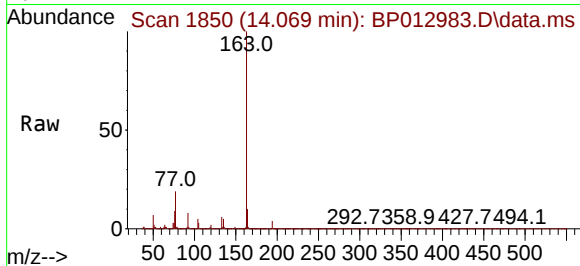




#47
Dimethylphthalate
Concen: 34.790 ng/ul
RT: 14.069 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

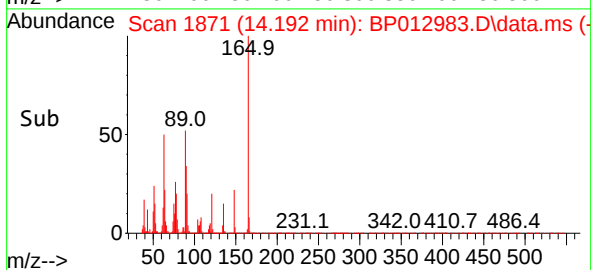
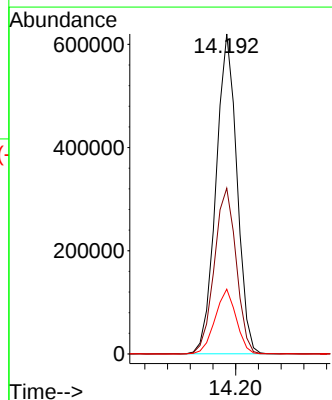
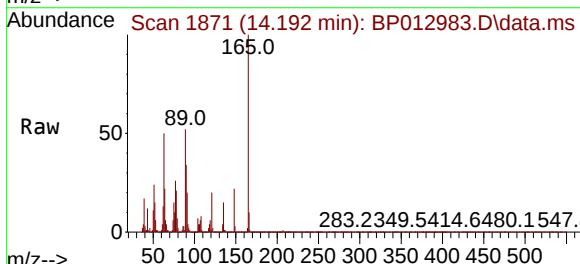
Instrument :
BNA_P
ClientSampleId :

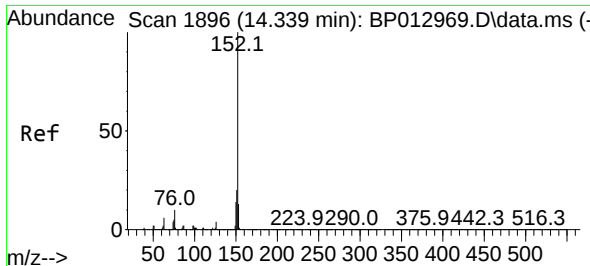
Tgt Ion:163 Resp: 3999634
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 37.165 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:165 Resp: 794057
Ion Ratio Lower Upper
165 100
89 51.8 43.0 64.4
121 20.3 16.1 24.1

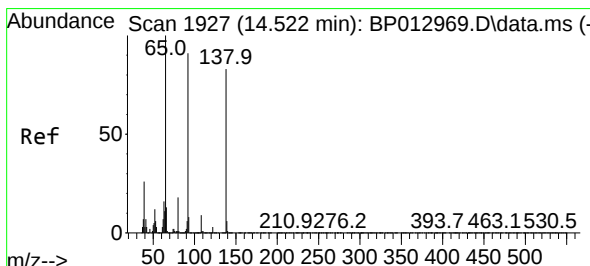
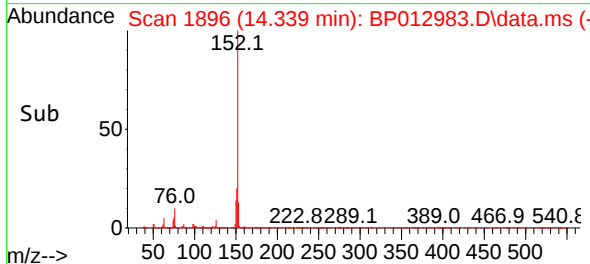
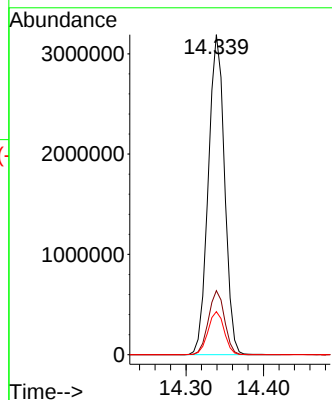
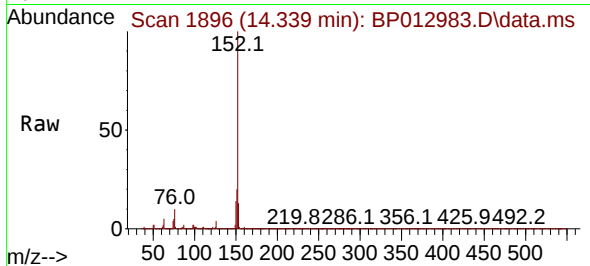




#50
Acenaphthylene
Concen: 33.902 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

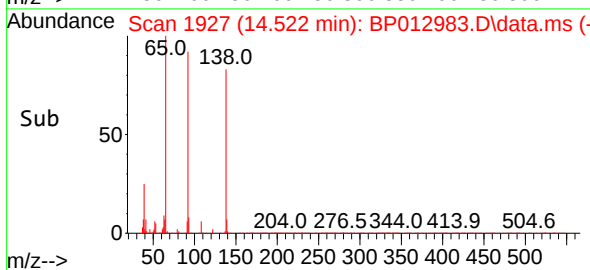
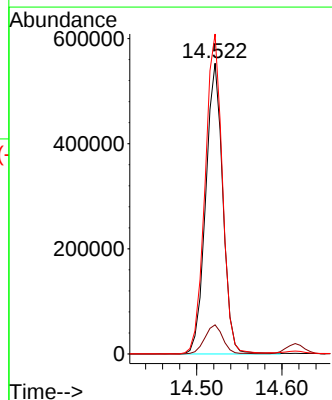
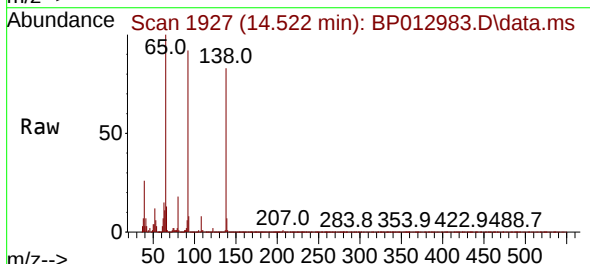
Instrument :
BNA_P
ClientSampleId :

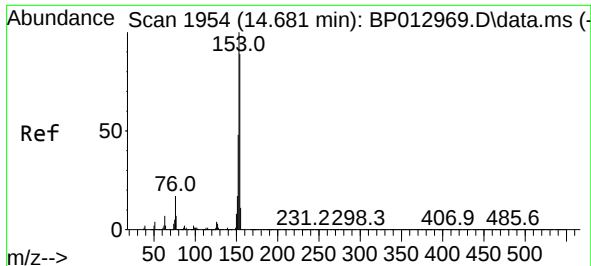
Tgt Ion:152 Resp: 4645579
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.4 10.6 16.0



#51
3-Nitroaniline
Concen: 38.264 ng/ul
RT: 14.522 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:138 Resp: 771957
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 110.0 88.4 132.6

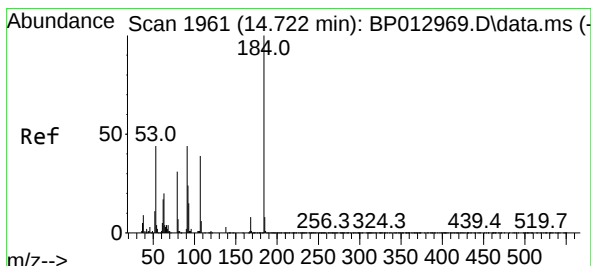
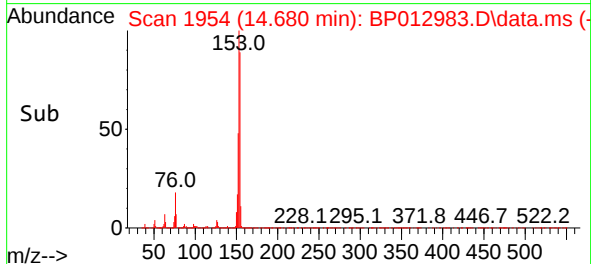
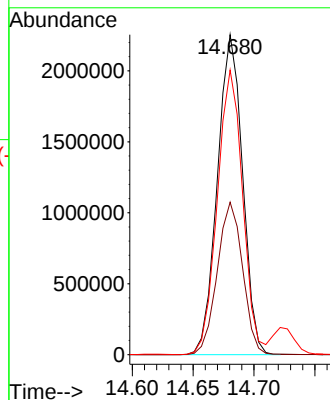
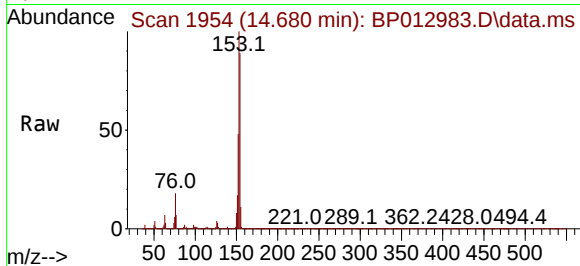




#52
Acenaphthene
Concen: 34.176 ng/ul
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

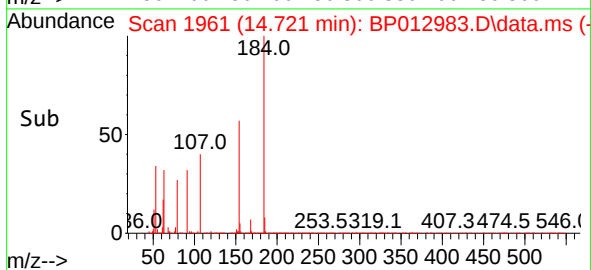
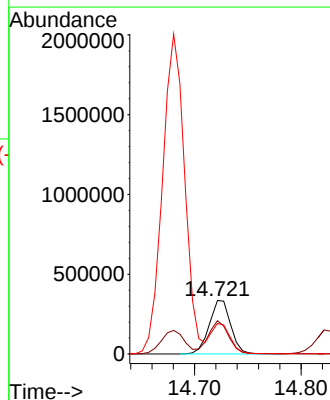
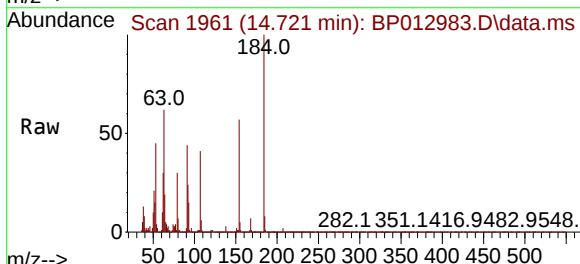
Instrument :
BNA_P
ClientSampleId :

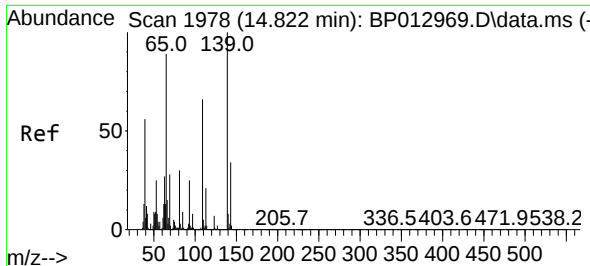
Tgt Ion:153 Resp: 3245282
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.4
154 89.0 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 32.137 ng/ul
RT: 14.721 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:184 Resp: 469343
Ion Ratio Lower Upper
184 100
63 62.2 48.4 72.6
154 57.1 45.5 68.3

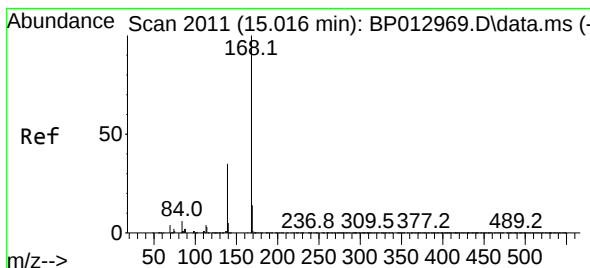
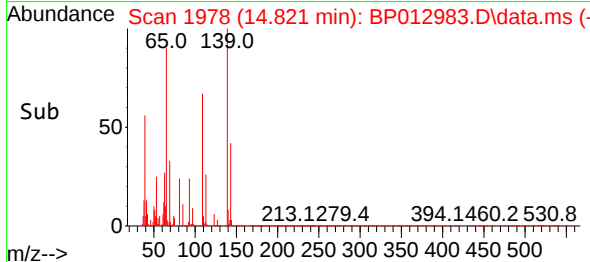
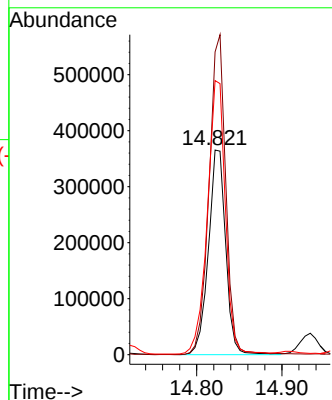
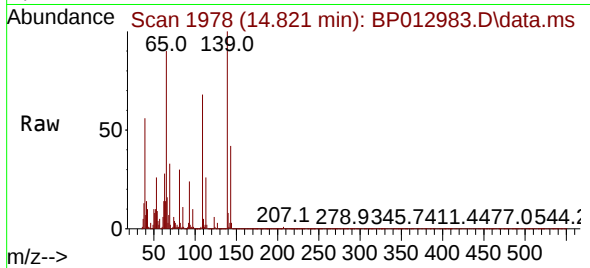




#55
4-Nitrophenol
Concen: 36.241 ng/ul
RT: 14.821 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

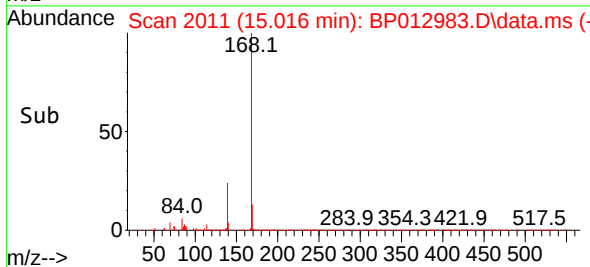
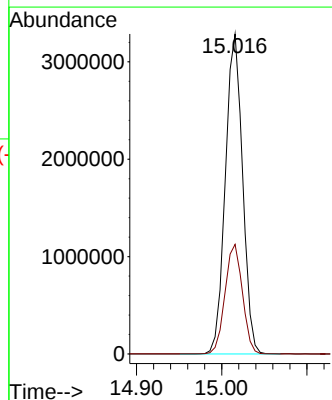
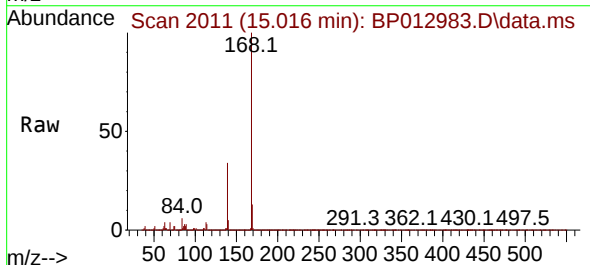
Instrument :
BNA_P
ClientSampleId :

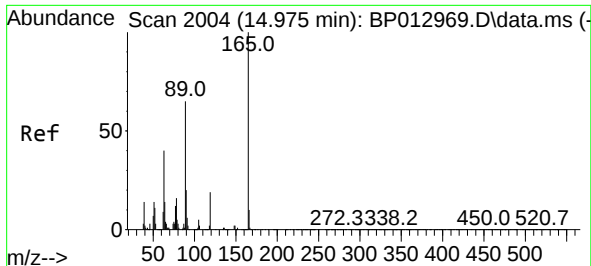
Tgt Ion:109 Resp: 515957
Ion Ratio Lower Upper
109 100
139 148.0 120.8 181.2
65 133.9 107.9 161.9



#56
Dibenzofuran
Concen: 34.120 ng/ul
RT: 15.016 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:168 Resp: 4606507
Ion Ratio Lower Upper
168 100
139 34.3 27.9 41.9

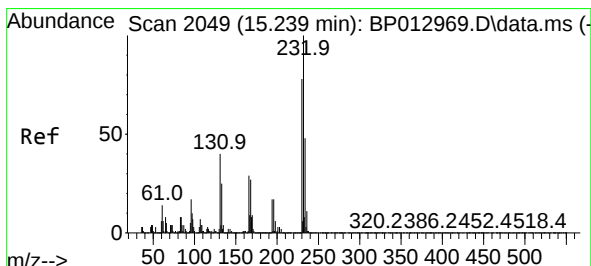
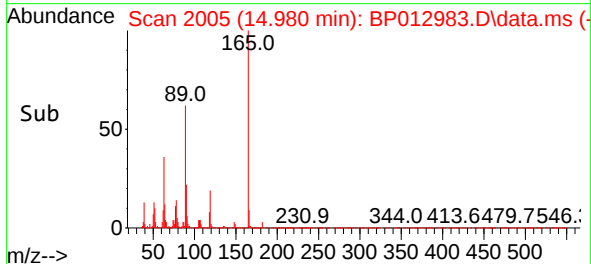
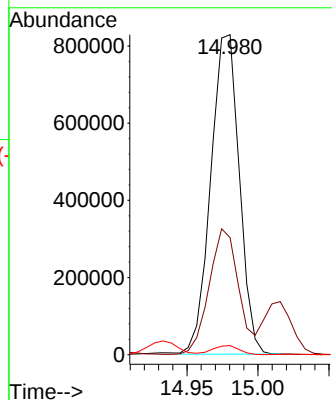
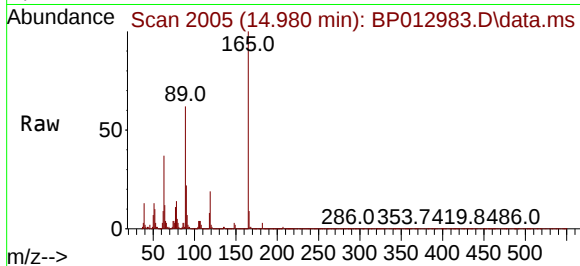




#57
2,4-Dinitrotoluene
Concen: 37.285 ng/ul
RT: 14.980 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

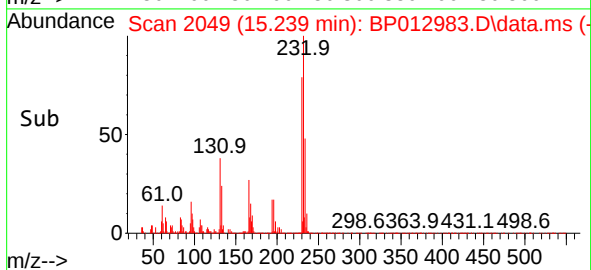
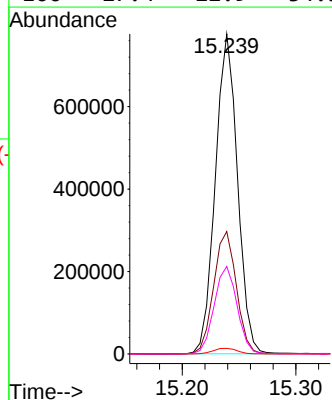
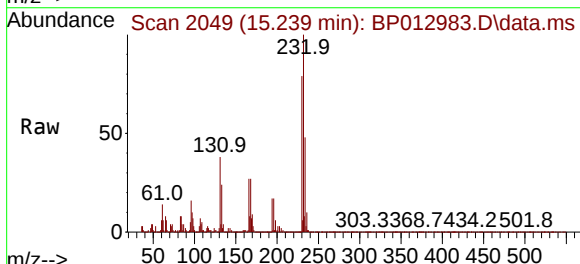
Instrument :
BNA_P
ClientSampleId :

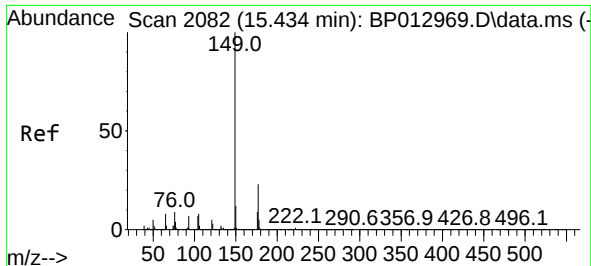
Tgt Ion:165 Resp: 1157134
Ion Ratio Lower Upper
165 100
63 36.6 31.8 47.6
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.346 ng/ul
RT: 15.239 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:232 Resp: 1051544
Ion Ratio Lower Upper
232 100
131 38.3 31.8 47.6
130 1.7 1.8 2.6#
166 27.4 22.9 34.3

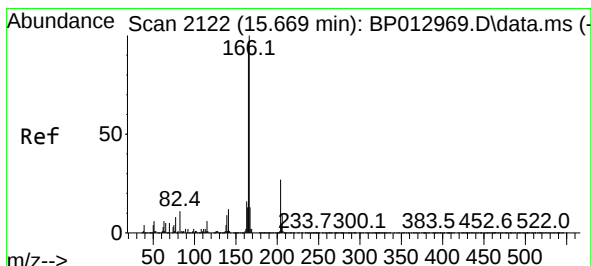
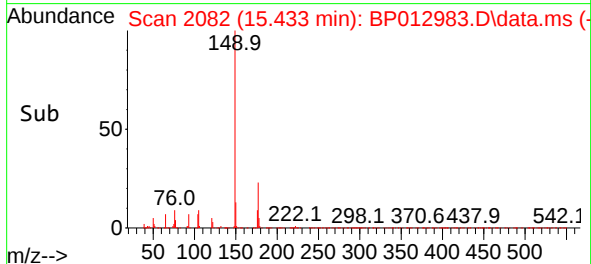
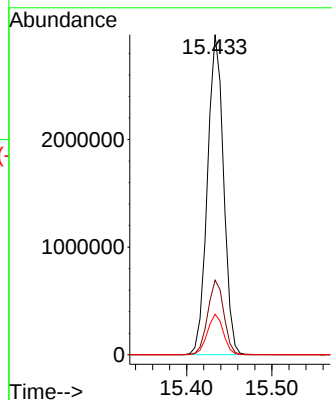
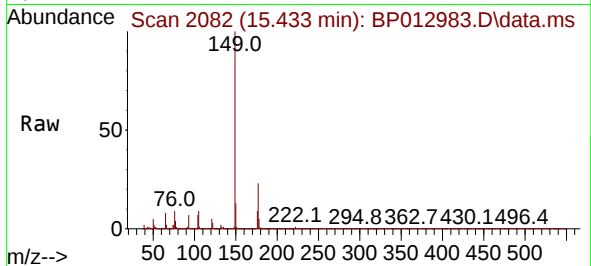




#59
Diethylphthalate
Concen: 35.020 ng/ul
RT: 15.433 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

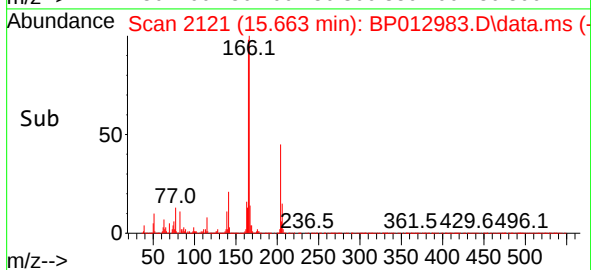
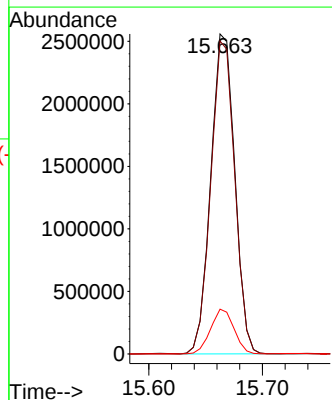
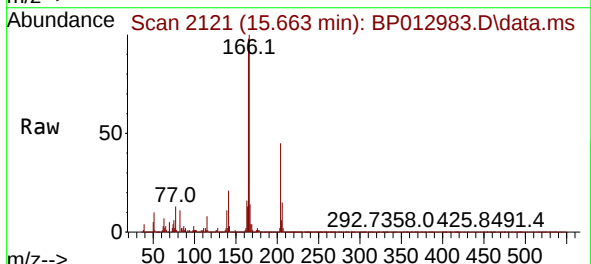
Instrument :
BNA_P
ClientSampleId :

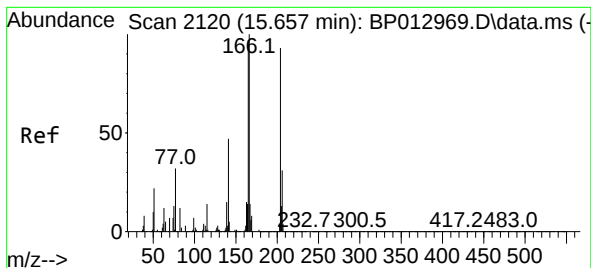
Tgt Ion:149 Resp: 3913794
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.7 9.9 14.9



#61
Fluorene
Concen: 34.730 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:166 Resp: 3760429
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.2
167 14.0 10.6 16.0

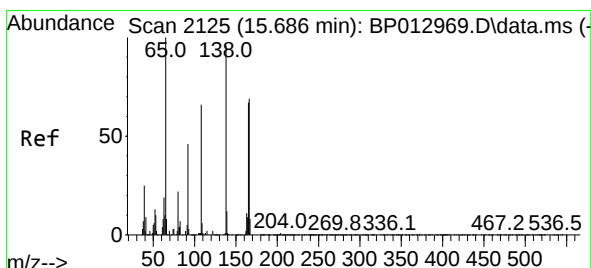
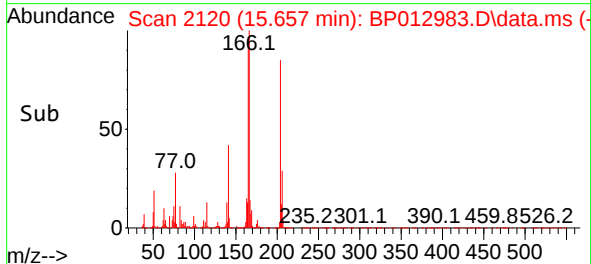
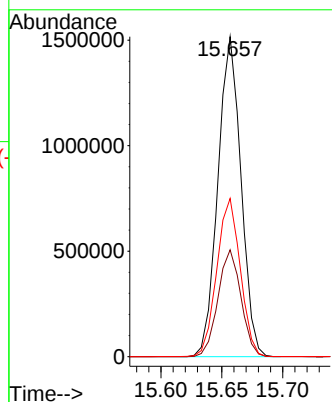
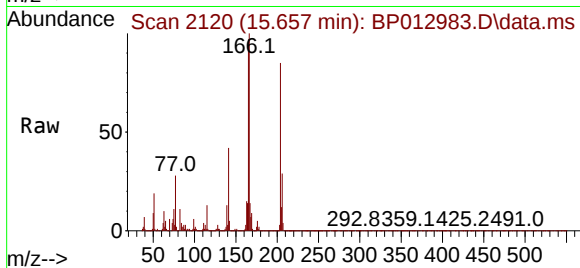




#62
4-Chlorophenyl-phenylether
Concen: 34.942 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

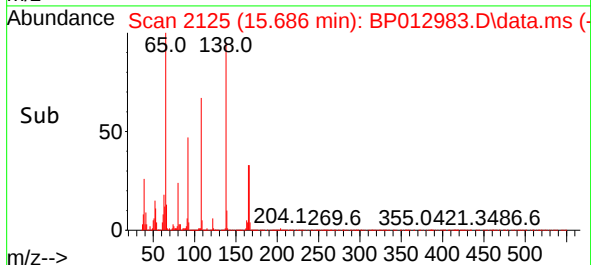
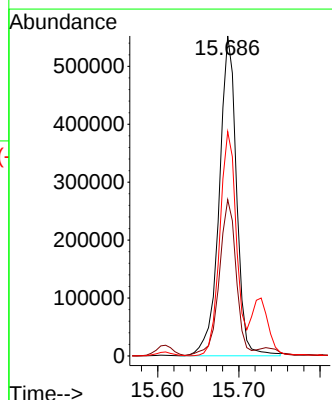
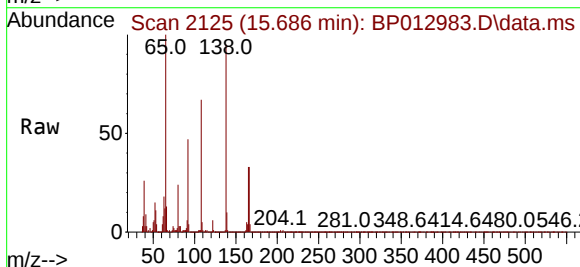
Instrument :
BNA_P
ClientSampleId :

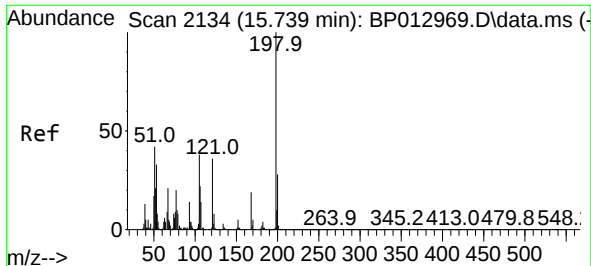
Tgt Ion:204 Resp: 2000752
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 49.4 40.4 60.6



#63
4-Nitroaniline
Concen: 46.377 ng/ul
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:138 Resp: 823296
Ion Ratio Lower Upper
138 100
92 48.9 39.0 58.4
108 70.1 55.1 82.7

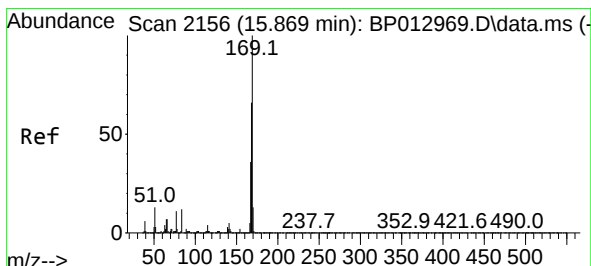
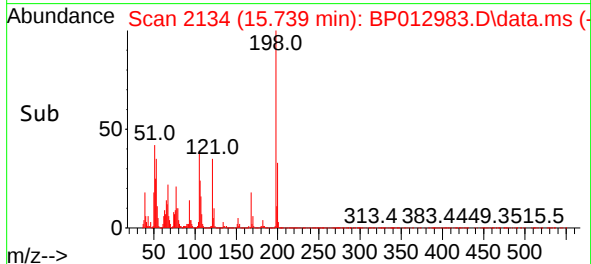
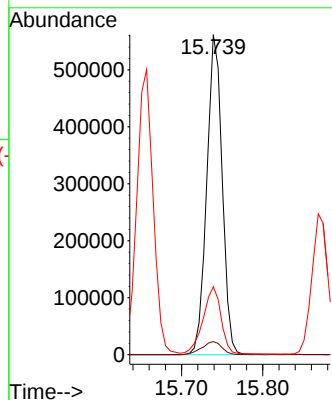
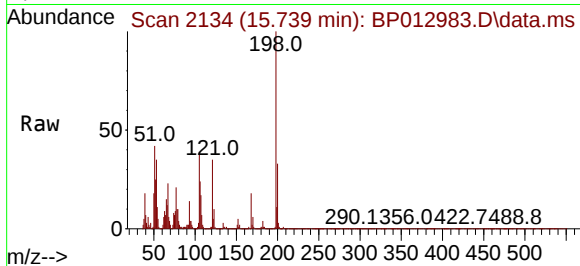




#66
4,6-Dinitro-2-methylphenol
Concen: 34.280 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

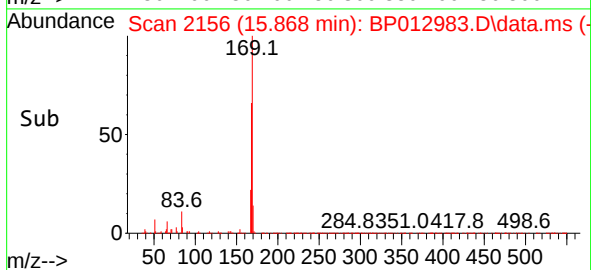
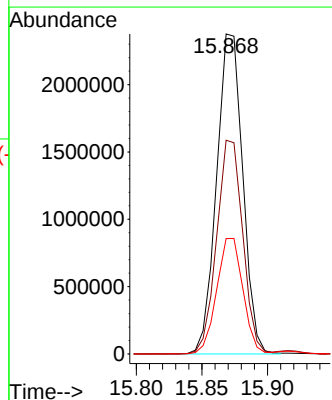
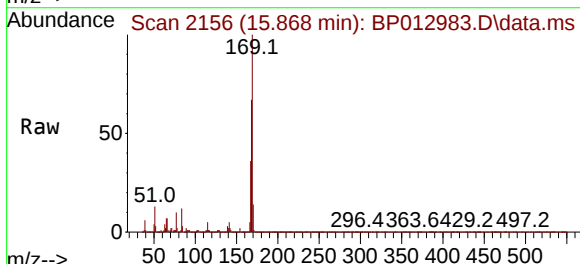
Instrument :
BNA_P
ClientSampleId :

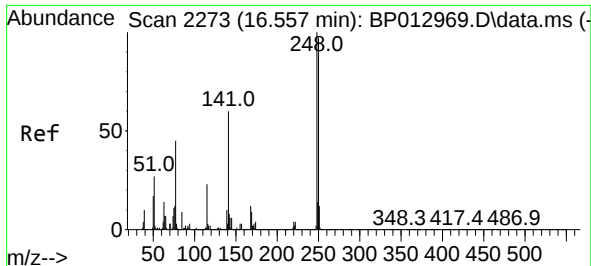
Tgt Ion:198 Resp: 738989
Ion Ratio Lower Upper
198 100
182 4.1 3.3 4.9
77 21.2 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 34.700 ng/ul
RT: 15.868 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:169 Resp: 3297825
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.0 29.1 43.7

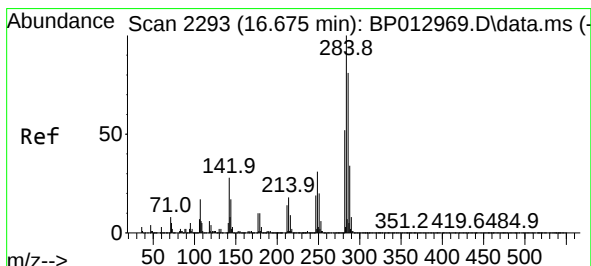
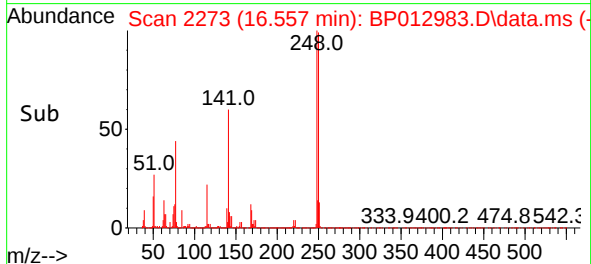
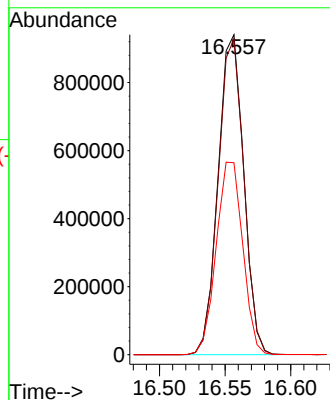
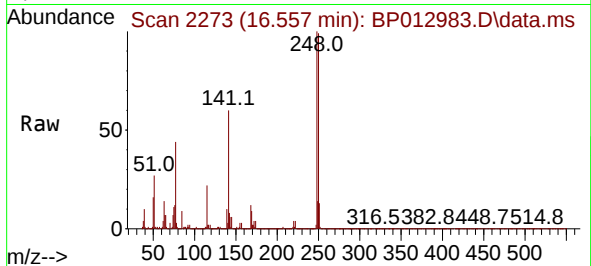




#68
4-Bromophenyl-phenylether
Concen: 34.423 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

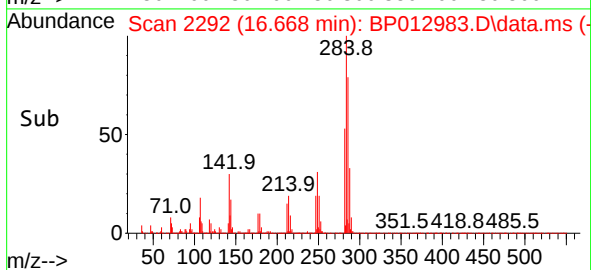
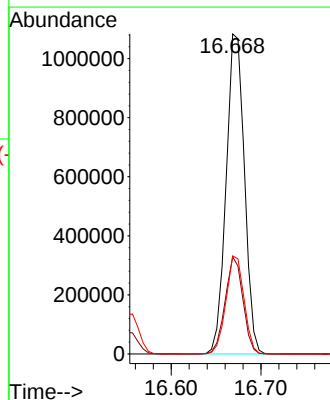
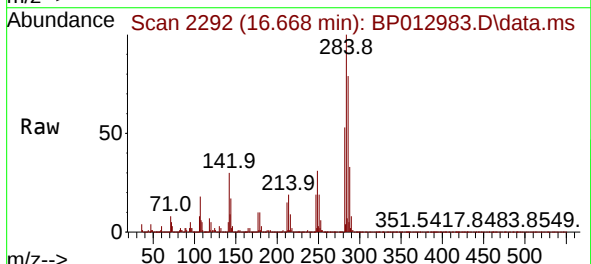
Instrument :
BNA_P
ClientSampleId :

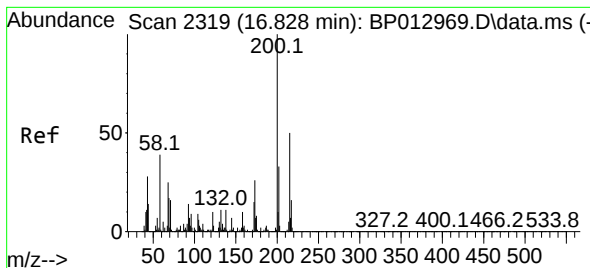
Tgt Ion:248 Resp: 1281506
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.0
141 60.0 48.3 72.5



#69
Hexachlorobenzene
Concen: 34.711 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:284 Resp: 1534336
Ion Ratio Lower Upper
284 100
142 30.4 22.6 34.0
249 30.7 24.6 37.0





#70

Atrazine

Concen: 21.457 ng/ul

RT: 16.827 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

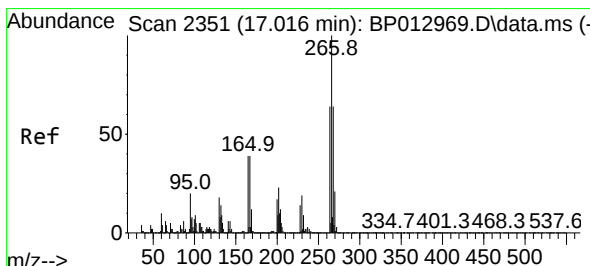
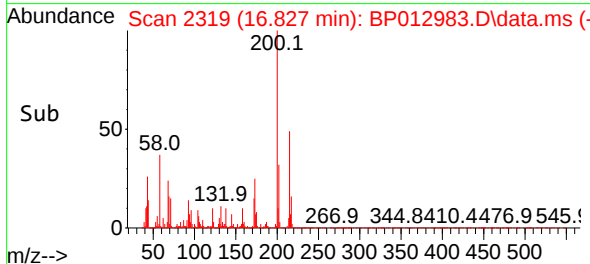
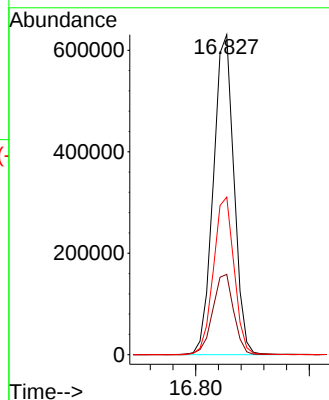
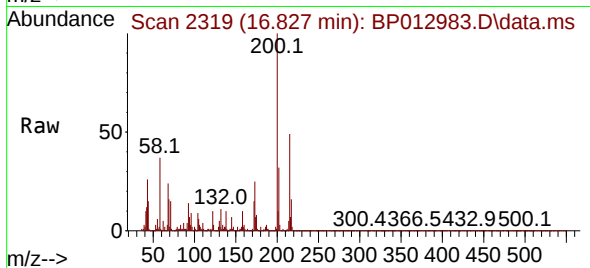
Tgt Ion:200 Resp: 794663

Ion Ratio Lower Upper

200 100

173 25.1 20.5 30.7

215 49.2 39.9 59.9



#71

Pentachlorophenol

Concen: 32.469 ng/ul

RT: 17.015 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

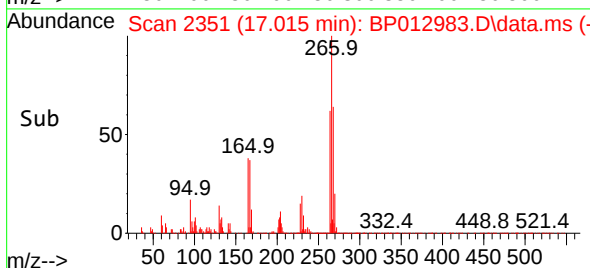
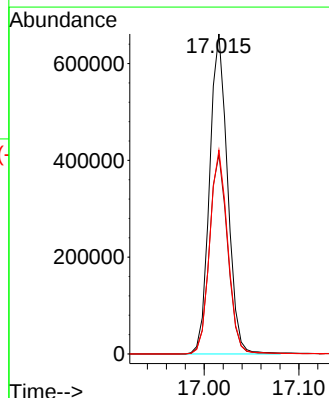
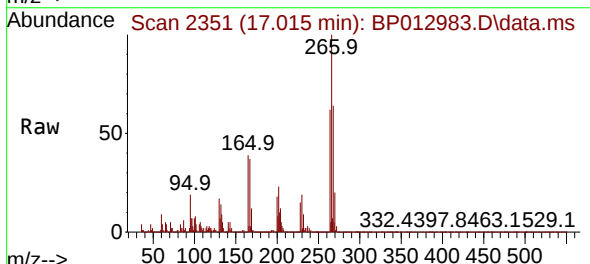
Tgt Ion:266 Resp: 869196

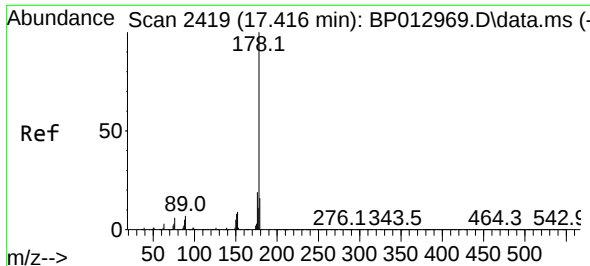
Ion Ratio Lower Upper

266 100

264 62.3 50.9 76.3

268 63.7 51.4 77.2

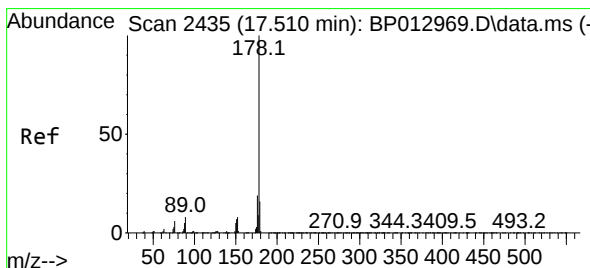
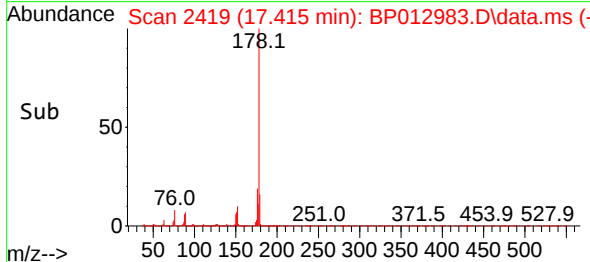
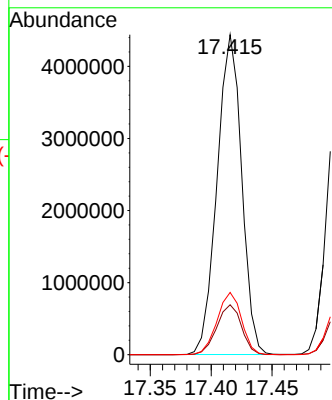
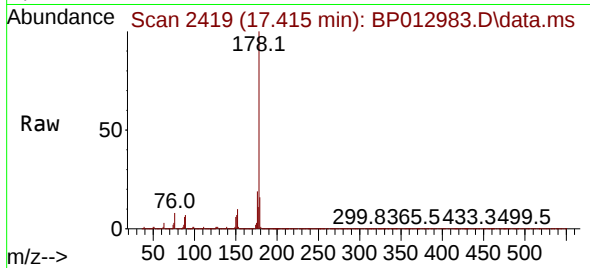




#72
Phenanthrene
Concen: 34.936 ng/ul
RT: 17.415 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

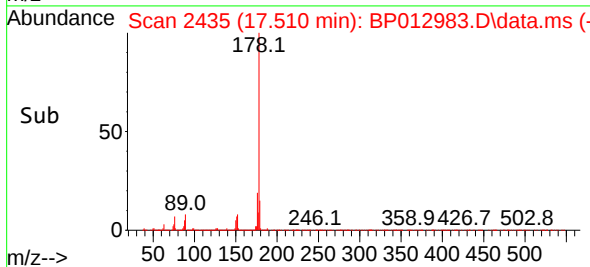
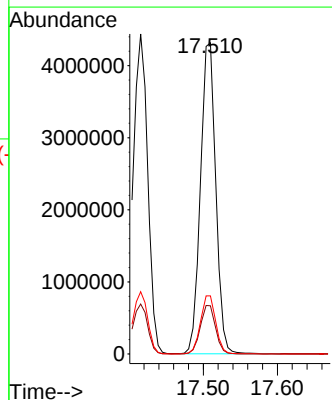
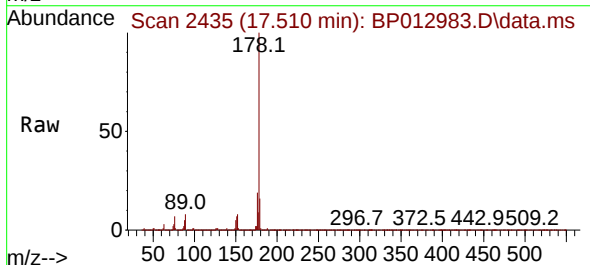
Instrument :
BNA_P
ClientSampleId :

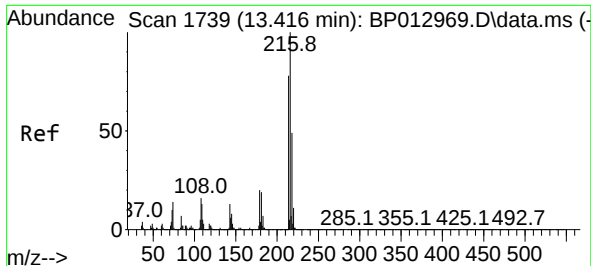
Tgt Ion:178 Resp: 6237950
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.4 15.4 23.0



#74
Anthracene
Concen: 34.700 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:178 Resp: 6186368
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.7 14.8 22.2

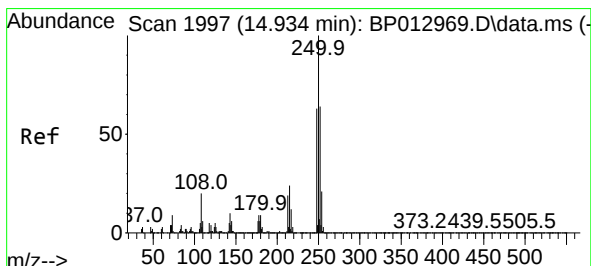
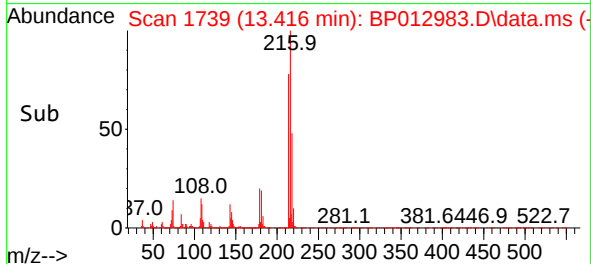
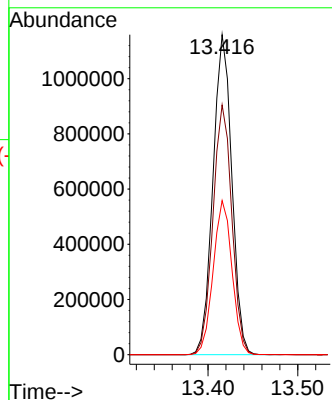
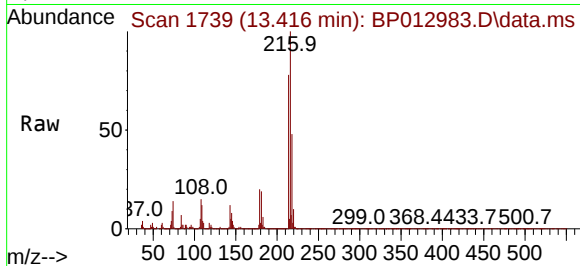




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.577 ng/uL
RT: 13.416 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

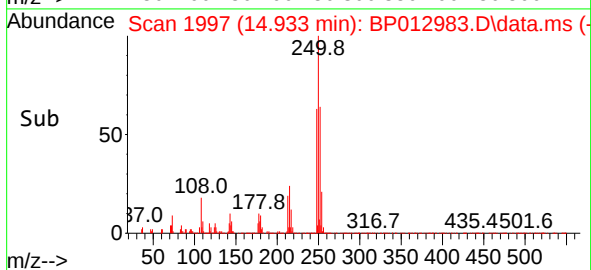
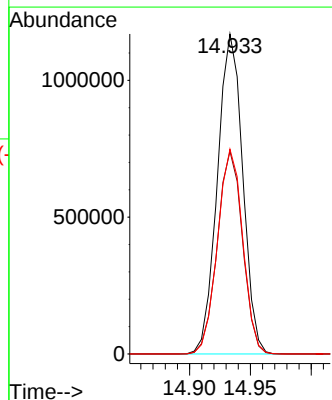
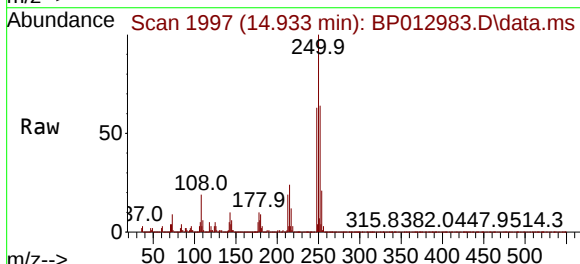
Instrument :
BNA_P
ClientSampleId :

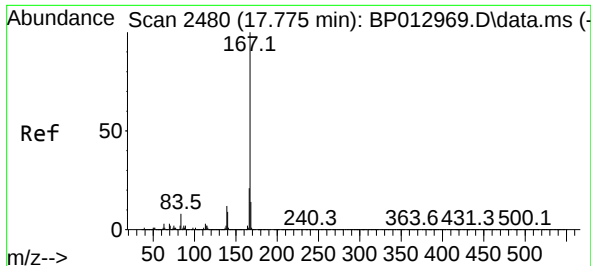
Tgt Ion:216 Resp: 1691124
Ion Ratio Lower Upper
216 100
214 78.0 62.2 93.2
218 48.1 38.9 58.3



#76
Pentachlorobenzene
Concen: 33.967 ng/uL
RT: 14.933 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

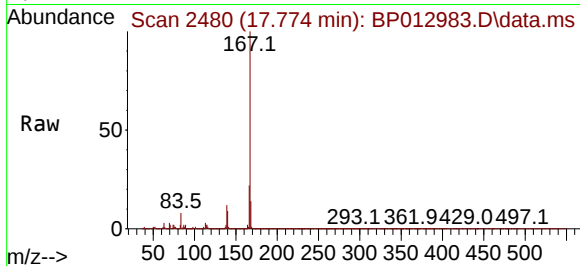
Tgt Ion:250 Resp: 1693778
Ion Ratio Lower Upper
250 100
248 63.3 50.6 76.0
252 64.0 51.1 76.7



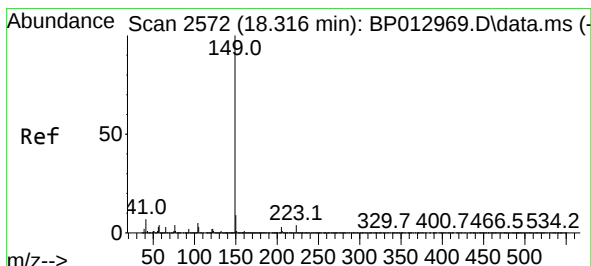
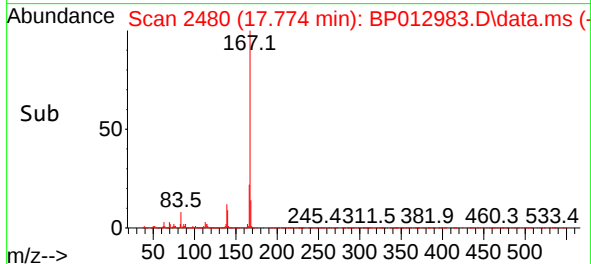
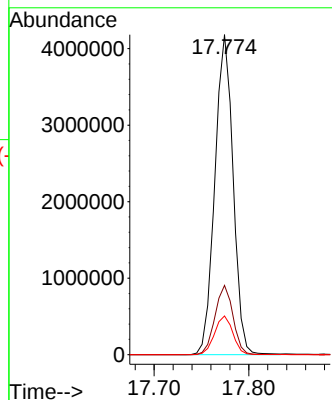


#77
 Carbazole
 Concen: 37.252 ng/ul
 RT: 17.774 min Scan# 2480
 Delta R.T. -0.000 min
 Lab File: BP012983.D
 Acq: 08 Dec 2022 14:15

Instrument :
 BNA_P
 ClientSampleId :

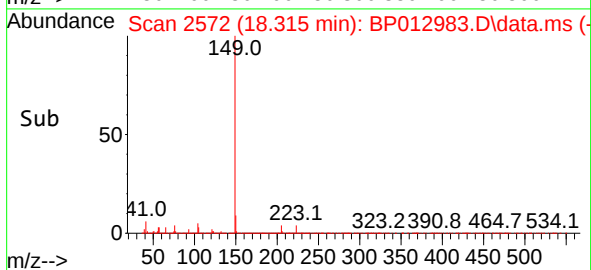
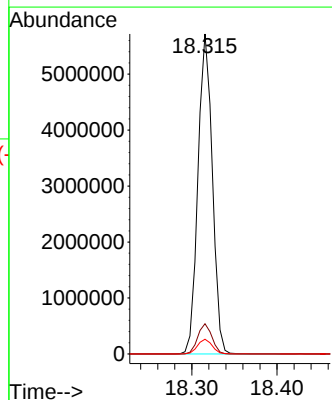
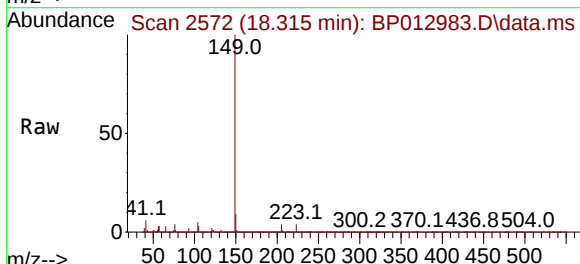


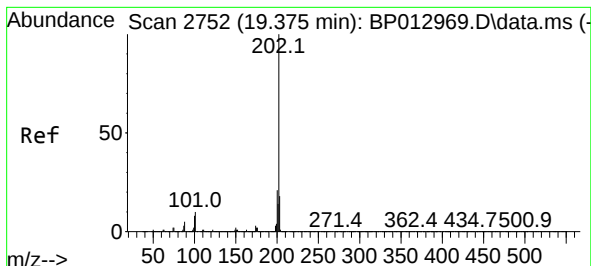
Tgt Ion:167 Resp: 5593160
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.1 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 36.594 ng/ul
 RT: 18.315 min Scan# 2572
 Delta R.T. -0.000 min
 Lab File: BP012983.D
 Acq: 08 Dec 2022 14:15

Tgt Ion:149 Resp: 6689868
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.6 3.8 5.6





#80

Fluoranthene

Concen: 35.043 ng/ul

RT: 19.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

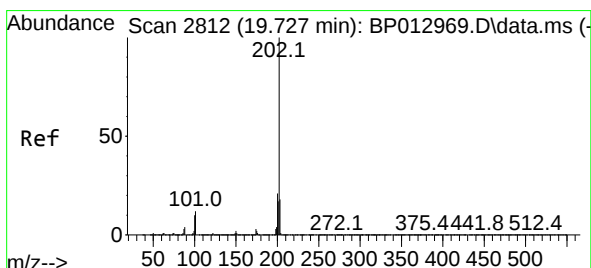
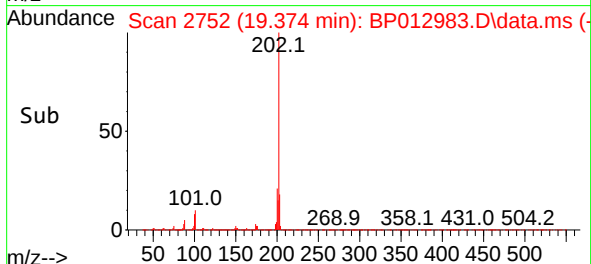
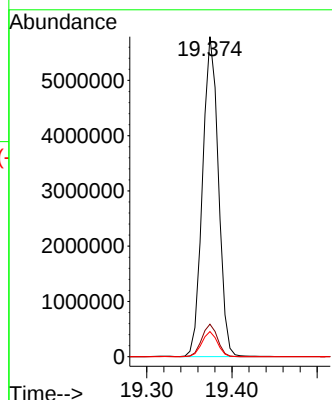
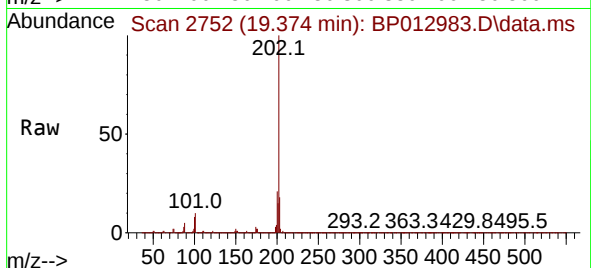
Tgt Ion:202 Resp: 7490804

Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

100 7.8 6.1 9.1



#82

Pyrene

Concen: 34.951 ng/ul

RT: 19.727 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

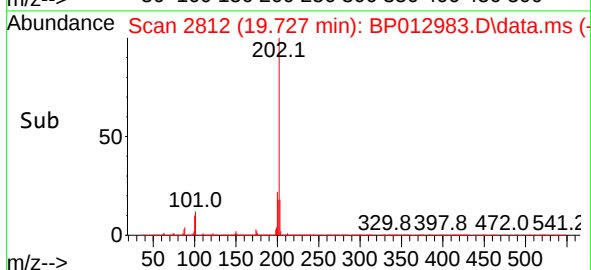
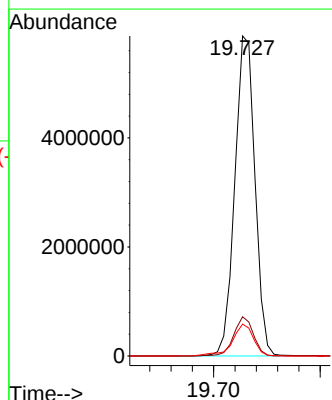
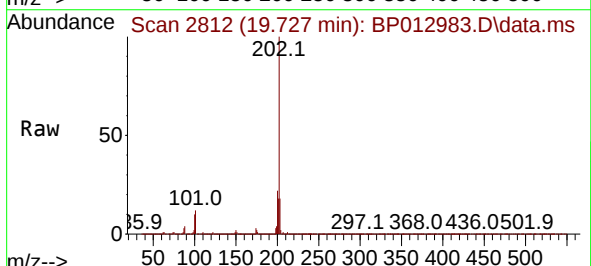
Tgt Ion:202 Resp: 7706768

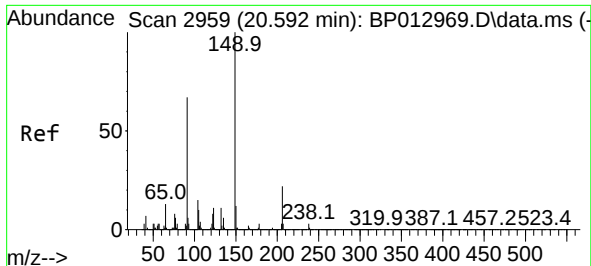
Ion Ratio Lower Upper

202 100

101 12.3 9.4 14.2

100 10.0 7.8 11.8

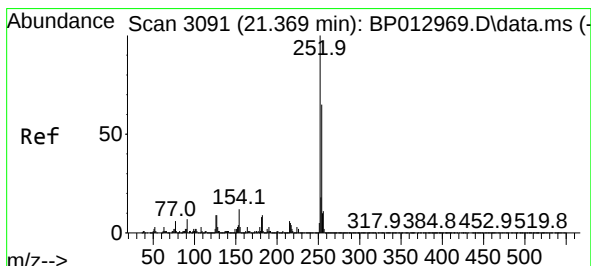
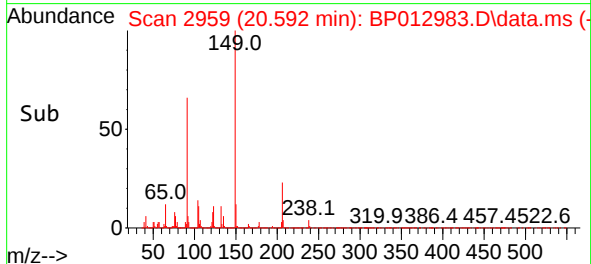
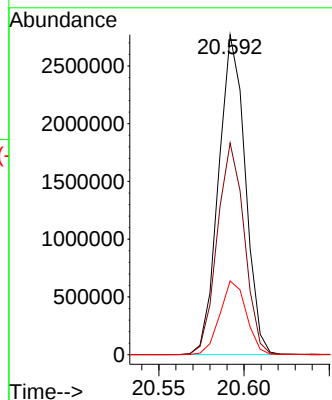
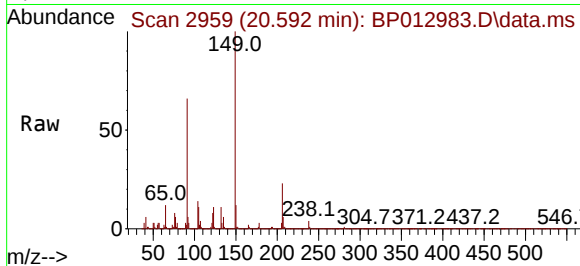




#83
Butylbenzylphthalate
Concen: 35.345 ng/ul
RT: 20.592 min Scan# 2959
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

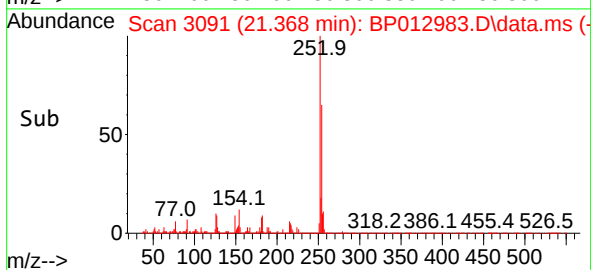
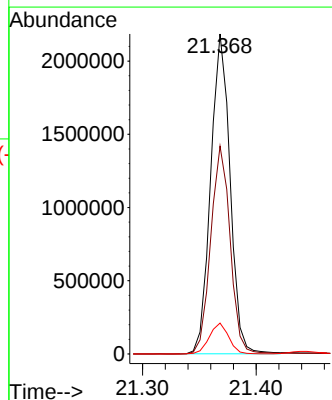
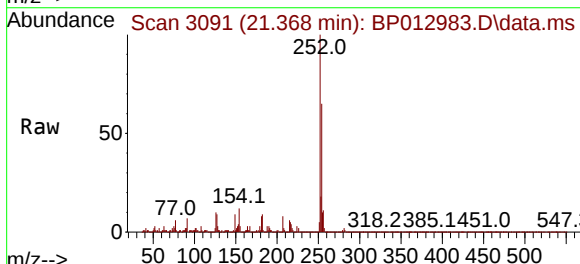
Instrument :
BNA_P
ClientSampleId :

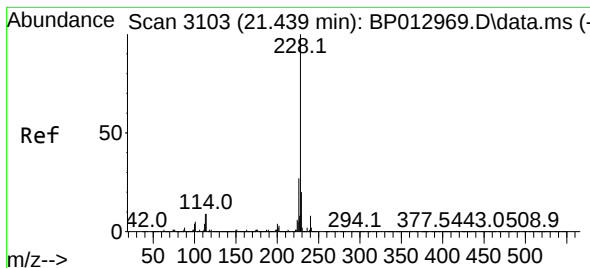
Tgt Ion:149 Resp: 3010892
Ion Ratio Lower Upper
149 100
91 66.2 53.4 80.0
206 23.0 17.9 26.9



#84
3,3'-Dichlorobenzidine
Concen: 34.960 ng/ul
RT: 21.368 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:252 Resp: 2591352
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.8
126 9.7 7.4 11.2





#85

Benzo(a)anthracene

Concen: 35.594 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

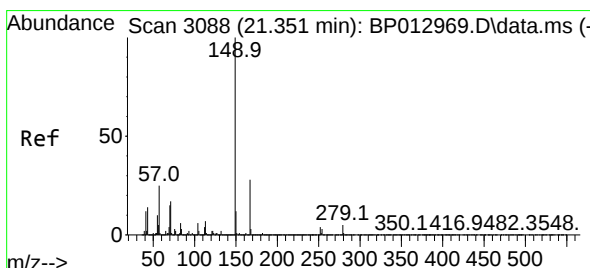
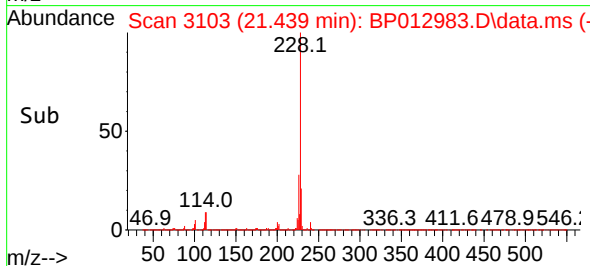
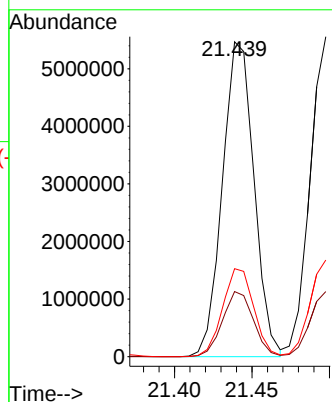
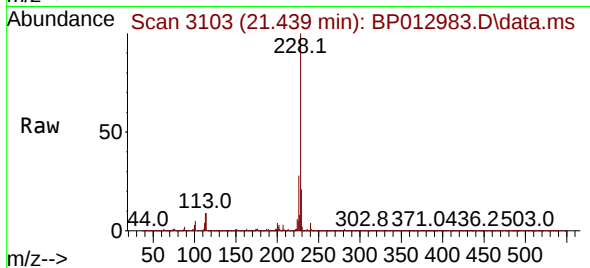
Tgt Ion:228 Resp: 7753133

Ion Ratio Lower Upper

228 100

229 20.7 16.1 24.1

226 27.9 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.162 ng/ul

RT: 21.351 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

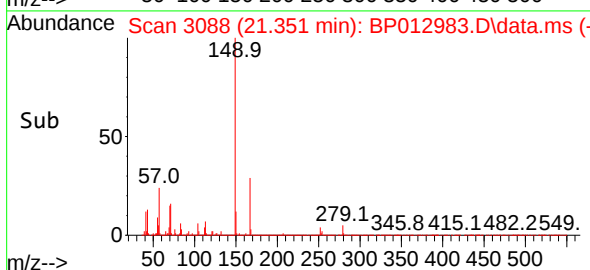
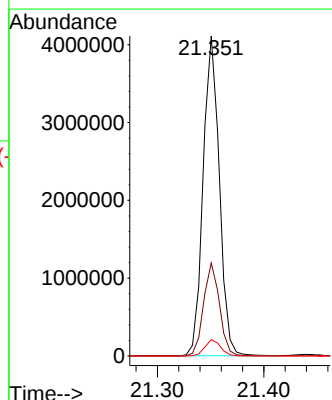
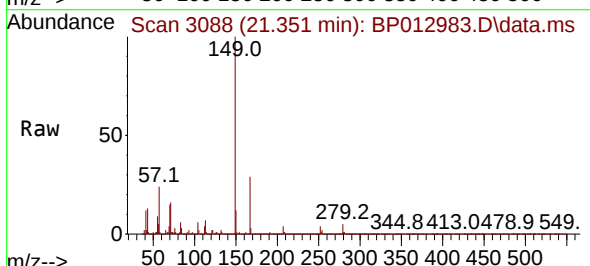
Tgt Ion:149 Resp: 4345345

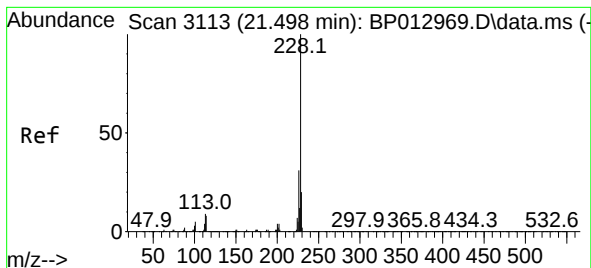
Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

279 5.1 3.8 5.8





#87

Chrysene

Concen: 35.489 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

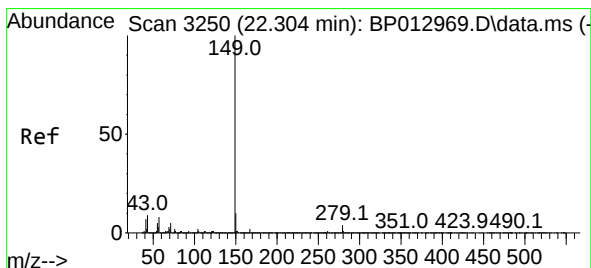
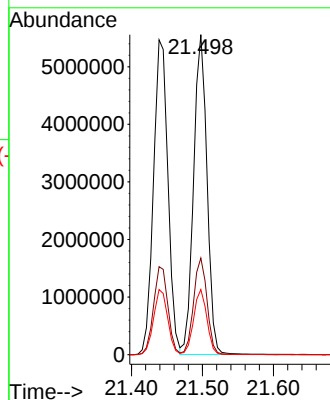
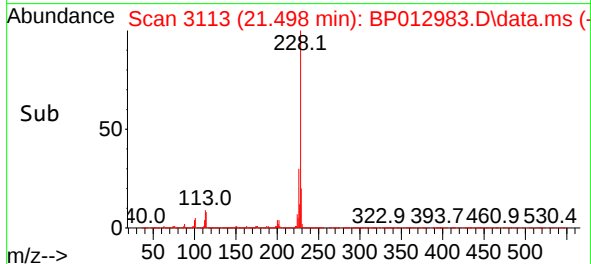
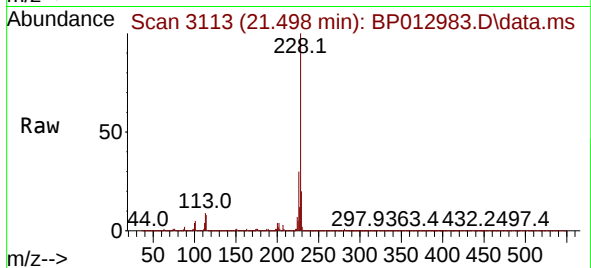
Tgt Ion:228 Resp: 7310276

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.4 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 38.744 ng/ul

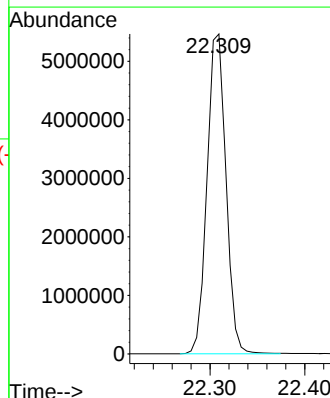
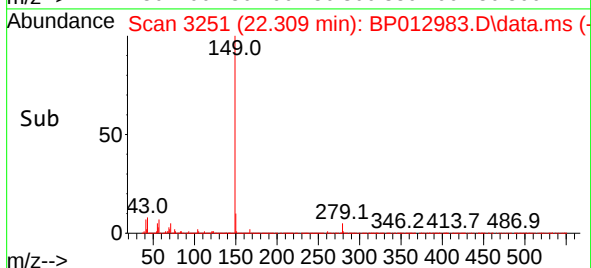
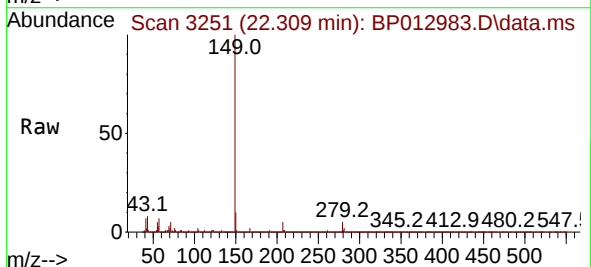
RT: 22.309 min Scan# 3251

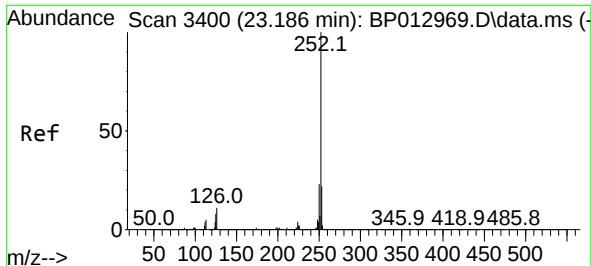
Delta R.T. 0.006 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Tgt Ion:149 Resp: 7553834

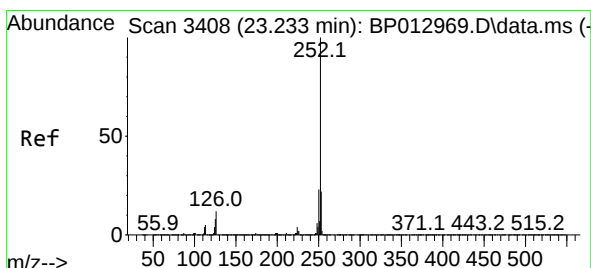
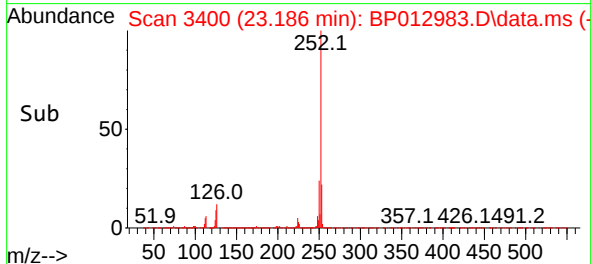
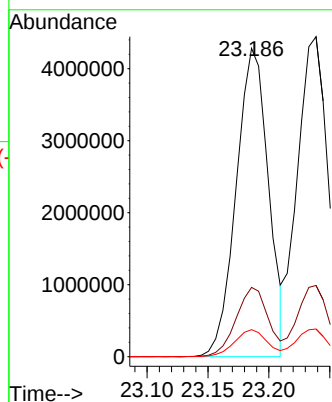
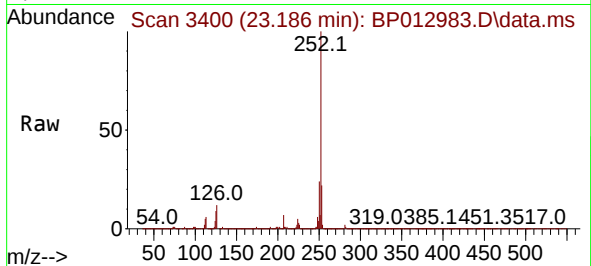




#90
Benzo(b)fluoranthene
Concen: 35.622 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. -0.000 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

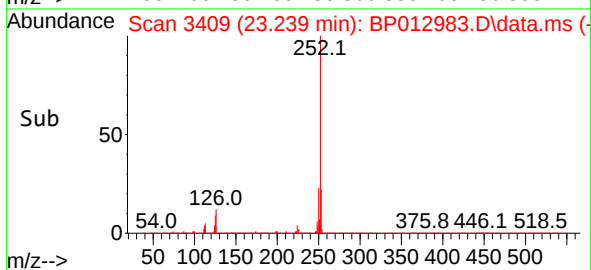
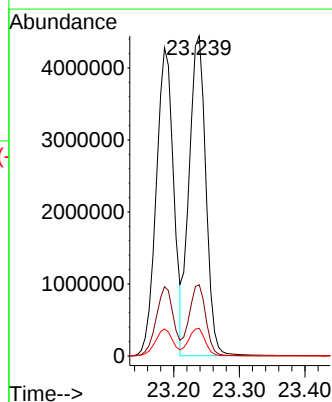
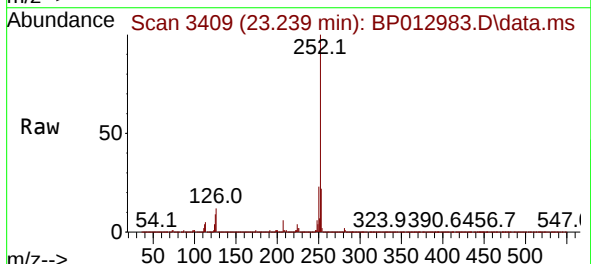
Instrument :
BNA_P
ClientSampleId :

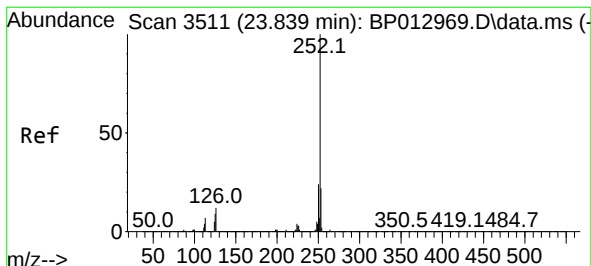
Tgt Ion:252 Resp: 7905182
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 8.8 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 35.843 ng/ul
RT: 23.239 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP012983.D
Acq: 08 Dec 2022 14:15

Tgt Ion:252 Resp: 7887592
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.6 6.8 10.2





#93

Benzo(a)pyrene

Concen: 36.099 ng/ul

RT: 23.839 min Scan# 3511

Delta R.T. -0.000 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

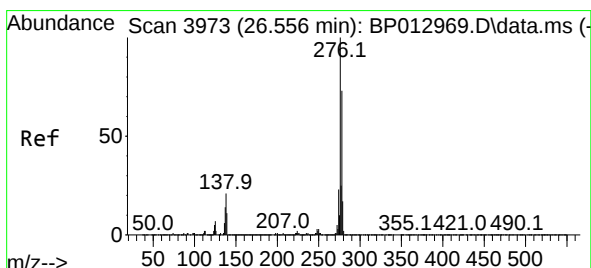
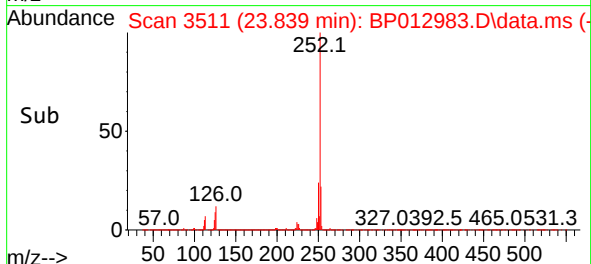
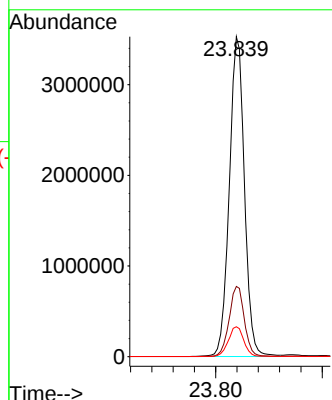
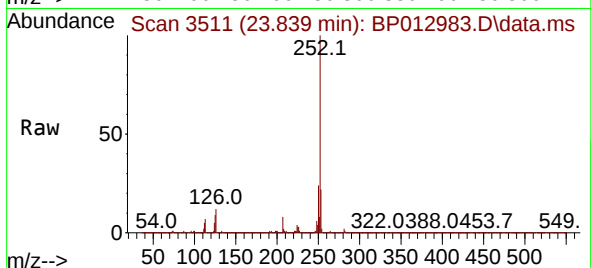
Tgt Ion:252 Resp: 6975409

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.411 ng/ul

RT: 26.562 min Scan# 3974

Delta R.T. 0.006 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

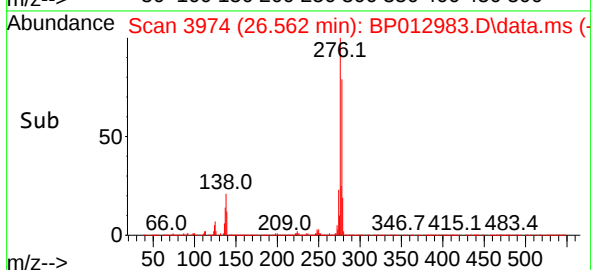
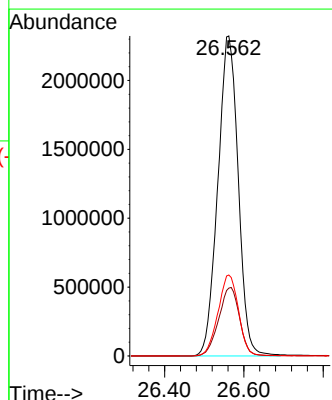
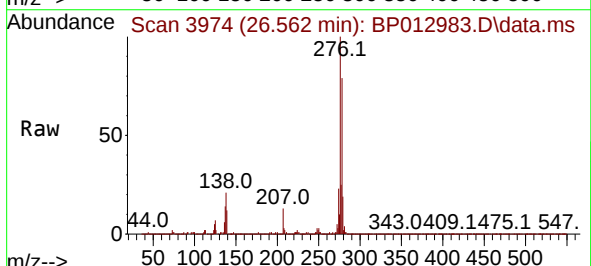
Tgt Ion:276 Resp: 8282376

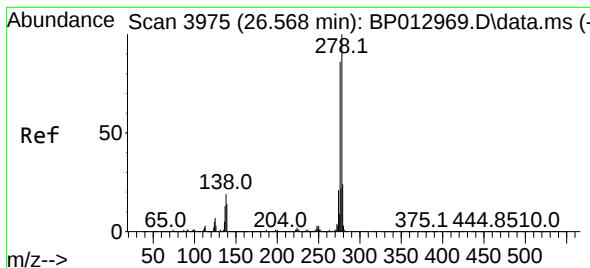
Ion Ratio Lower Upper

276 100

138 21.2 17.1 25.7

277 25.3 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 36.806 ng/ul

RT: 26.580 min Scan# 3975

Delta R.T. 0.011 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Instrument :

BNA_P

ClientSampleId :

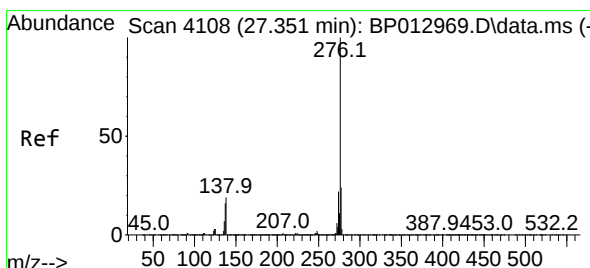
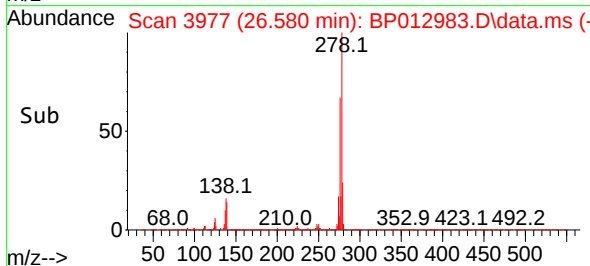
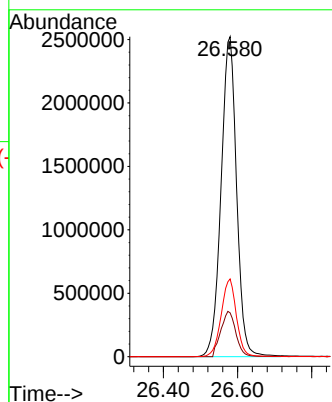
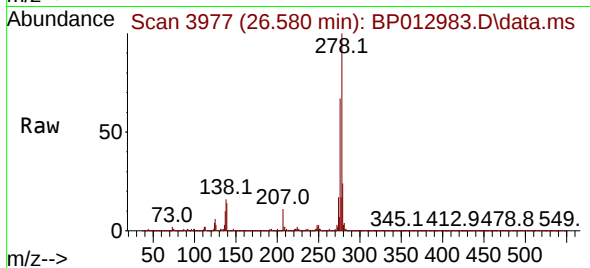
Tgt Ion:278 Resp: 7334772

Ion Ratio Lower Upper

278 100

139 13.7 11.1 16.7

279 24.3 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 36.171 ng/ul

RT: 27.362 min Scan# 4110

Delta R.T. 0.011 min

Lab File: BP012983.D

Acq: 08 Dec 2022 14:15

Tgt Ion:276 Resp: 6989405

Ion Ratio Lower Upper

276 100

138 18.6 15.4 23.2

277 23.9 19.1 28.7

