

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129971.D
 Acq On : 24 Aug 2022 13:28
 Operator : CG\JU
 Sample : PB147081BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PB147081BS

Quant Time: Aug 24 14:08:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	135541	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	562245	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	296949	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	498224	20.000	ng	0.00
76) Chrysene-d12	13.945	240	285664	20.000	ng	0.00
86) Perylene-d12	15.392	264	236968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1040240	127.070	ng	0.00
7) Phenol-d6	6.440	99	1258235	122.736	ng	0.00
23) Nitrobenzene-d5	7.345	82	836851	79.677	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	372740	125.067	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1541790	78.858	ng	0.00
79) Terphenyl-d14	12.880	244	1639156	95.478	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	115870	34.308	ng	98
3) Pyridine	3.328	79	296415	33.537	ng	99
4) n-Nitrosodimethylamine	3.257	42	200505	49.225	ng	88
6) Aniline	6.440	93	492570	42.157	ng	# 72
8) 2-Chlorophenol	6.569	128	409110	44.891	ng	98
9) Benzaldehyde	6.328	77	271839	51.439	ng	95
10) Phenol	6.451	94	496046	44.112	ng	# 75
11) bis(2-Chloroethyl)ether	6.510	93	372493	43.621	ng	96
12) 1,3-Dichlorobenzene	6.710	146	421586	42.851	ng	99
13) 1,4-Dichlorobenzene	6.787	146	424686	42.246	ng	99
14) 1,2-Dichlorobenzene	6.940	146	407837	43.682	ng	99
15) Benzyl Alcohol	6.928	79	353873	45.725	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	505914	44.214	ng	90
17) 2-Methylphenol	7.045	107	322671	44.096	ng	96
18) Hexachloroethane	7.275	117	168368	44.600	ng	95
19) n-Nitroso-di-n-propyla...	7.192	70	291991	45.061	ng	99
20) 3+4-Methylphenols	7.204	107	422706	43.034	ng	98
22) Acetophenone	7.187	105	594542	43.393	ng	# 96
24) Nitrobenzene	7.363	77	438814	41.433	ng	94
25) Isophorone	7.598	82	784554	43.400	ng	98
26) 2-Nitrophenol	7.681	139	217152	41.685	ng	97
27) 2,4-Dimethylphenol	7.722	122	342071	45.787	ng	94
28) bis(2-Chloroethoxy)met...	7.804	93	466605	44.207	ng	98
29) 2,4-Dichlorophenol	7.928	162	330672	40.478	ng	97
30) 1,2,4-Trichlorobenzene	7.992	180	338809	39.314	ng	98
31) Naphthalene	8.075	128	1148526	39.069	ng	100
32) Benzoic acid	7.887	122	168324	49.604	ng	92
33) 4-Chloroaniline	8.134	127	418190	36.174	ng	96
34) Hexachlorobutadiene	8.181	225	212420	40.479	ng	98
35) Caprolactam	8.522	113	53505	21.062	ng	93
36) 4-Chloro-3-methylphenol	8.634	107	375545	42.612	ng	98
37) 2-Methylnaphthalene	8.769	142	757820	39.276	ng	100
38) 1-Methylnaphthalene	8.863	142	719762	38.384	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	339960	41.162	ng	98
41) Hexachlorocyclopentadiene	8.910	237	239049	85.634	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	208164	38.792	ng	100

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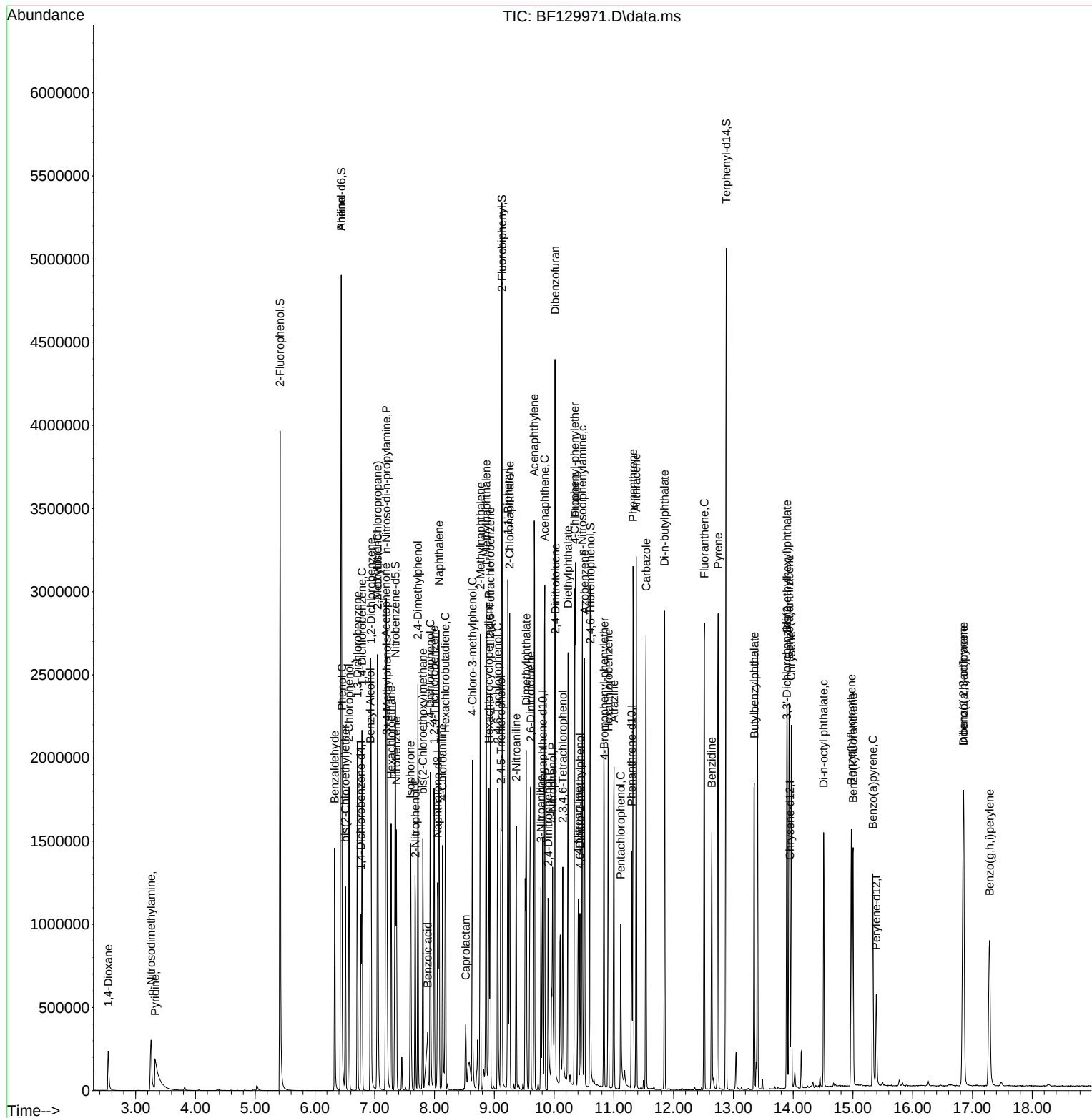
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	220386	38.174	ng	97
46) 1,1'-Biphenyl	9.228	154	927858	41.130	ng	99
47) 2-Chloronaphthalene	9.257	162	716681	40.152	ng	97
48) 2-Nitroaniline	9.369	65	241761	42.860	ng	99
49) Acenaphthylene	9.669	152	1077569	39.811	ng	100
50) Dimethylphthalate	9.533	163	854130	40.124	ng	99
51) 2,6-Dinitrotoluene	9.610	165	189436	41.024	ng	96
52) Acenaphthene	9.845	154	655258	39.902	ng	99
53) 3-Nitroaniline	9.781	138	164465	32.206	ng	89
54) 2,4-Dinitrophenol	9.904	184	165168	79.173	ng	95
55) Dibenzofuran	10.016	168	979126	39.687	ng	95
56) 4-Nitrophenol	9.975	139	169028	74.401	ng	87
57) 2,4-Dinitrotoluene	10.022	165	248981	41.536	ng	# 89
58) Fluorene	10.357	166	812516	39.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	170908	40.339	ng	# 78
60) Diethylphthalate	10.233	149	843600	39.744	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	378383	40.931	ng	95
62) 4-Nitroaniline	10.404	138	187815	36.456	ng	89
63) Azobenzene	10.510	77	833691	41.092	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	119884	40.988	ng	95
66) n-Nitrosodiphenylamine	10.475	169	694794	41.317	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	238003	40.785	ng	92
68) Hexachlorobenzene	10.910	284	265804	42.050	ng	# 89
69) Atrazine	11.004	200	232631	45.072	ng	98
70) Pentachlorophenol	11.116	266	136031	72.324	ng	98
71) Phenanthrene	11.322	178	1130515	40.628	ng	99
72) Anthracene	11.375	178	1162815	42.022	ng	100
73) Carbazole	11.539	167	1046627	41.667	ng	100
74) Di-n-butylphthalate	11.851	149	1303567	40.323	ng	99
75) Fluoranthene	12.516	202	1141878	40.103	ng	99
77) Benzidine	12.639	184	568287	88.002	ng	99
78) Pyrene	12.745	202	1161253	46.779	ng	100
80) Butylbenzylphthalate	13.351	149	431699	41.098	ng	100
81) Benzo(a)anthracene	13.933	228	791879	40.297	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	217517	35.740	ng	99
83) Chrysene	13.968	228	730293	39.701	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	508210	40.780	ng	# 96
85) Di-n-octyl phthalate	14.510	149	710923	41.325	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	831641	51.121	ng	98
88) Benzo(b)fluoranthene	14.974	252	650029	40.060	ng	99
89) Benzo(k)fluoranthene	15.004	252	627744	40.340	ng	98
90) Benzo(a)pyrene	15.333	252	578632	45.283	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	719854	53.628	ng	99
92) Benzo(g,h,i)perylene	17.286	276	734715	54.864	ng	98

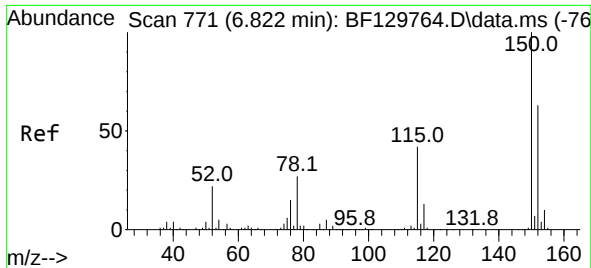
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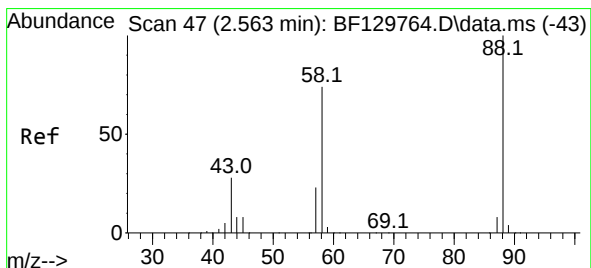
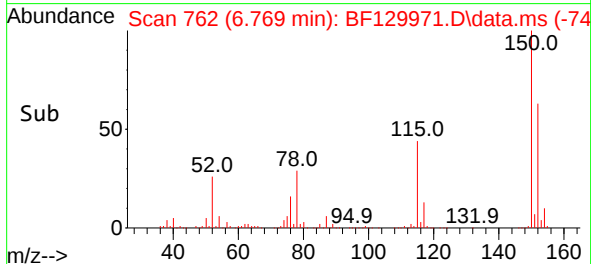
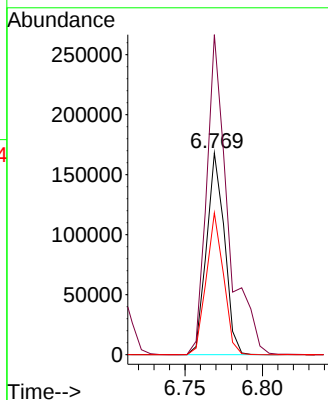
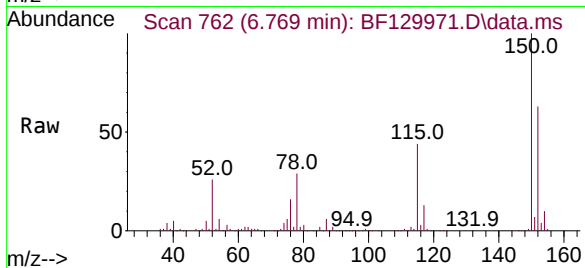




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

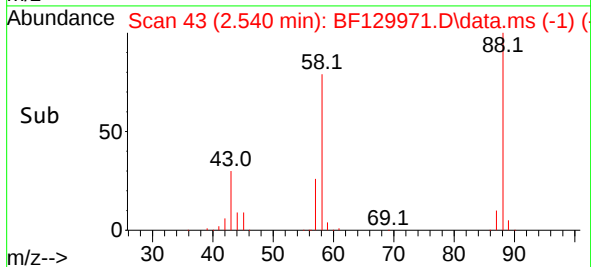
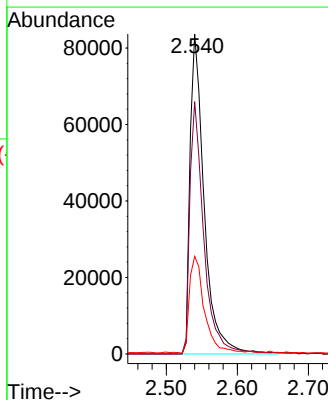
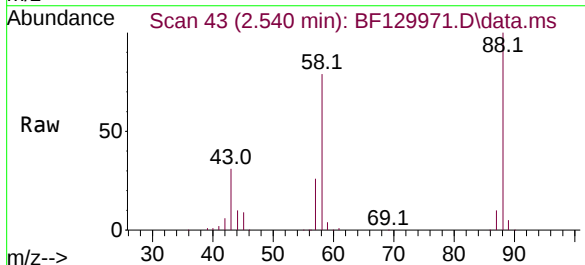
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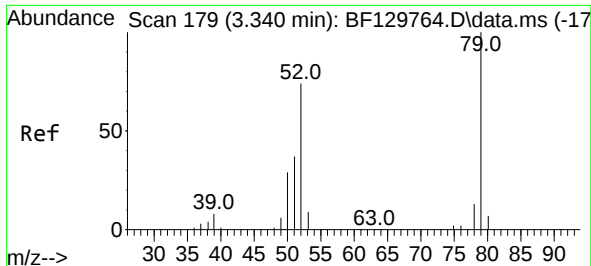
Tgt Ion:152 Resp: 135541
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.9 190.3
 115 70.2 53.4 80.0



#2
 1,4-Dioxane
 Concen: 34.308 ng
 RT: 2.540 min Scan# 43
 Delta R.T. 0.059 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

Tgt Ion: 88 Resp: 115870
 Ion Ratio Lower Upper
 88 100
 58 77.6 60.9 91.3
 43 31.3 23.6 35.4

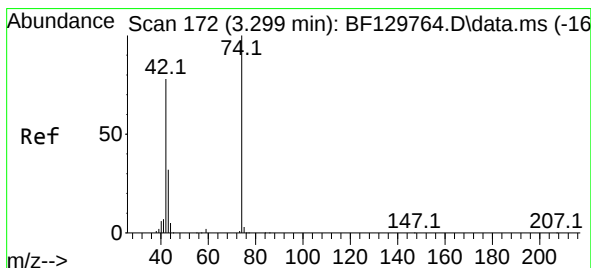
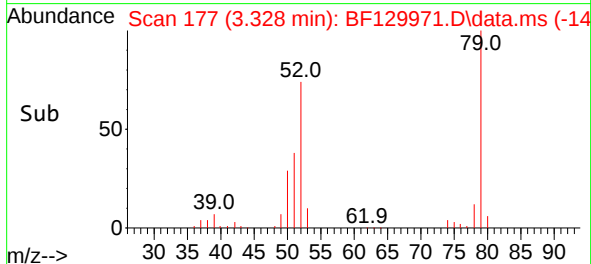
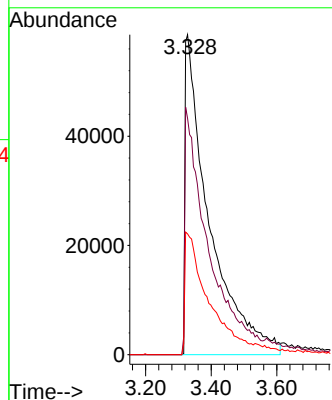
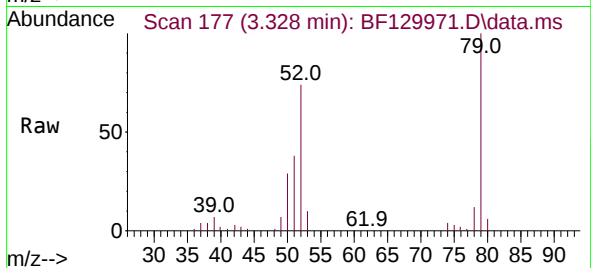




#3
Pyridine
Concen: 33.537 ng
RT: 3.328 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

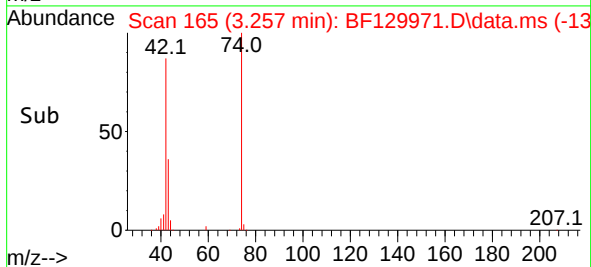
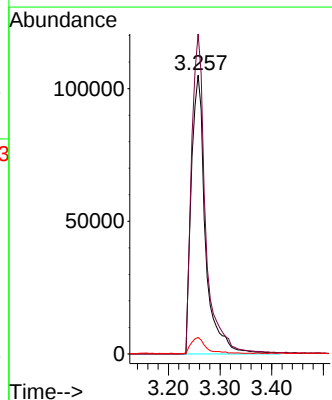
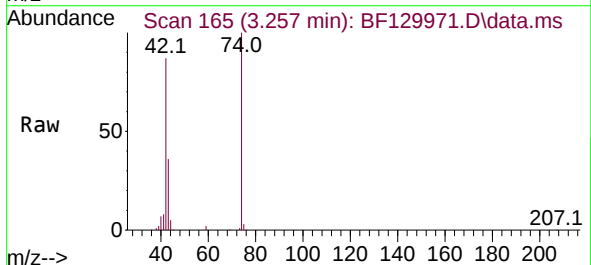
Instrument :
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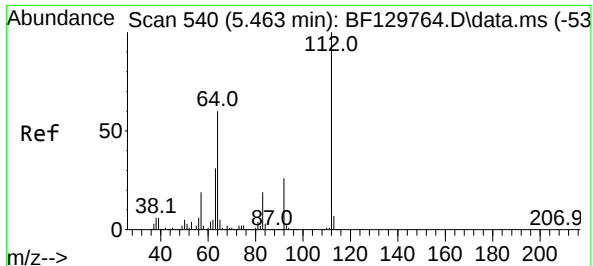
Tgt Ion: 79 Resp: 296415
Ion Ratio Lower Upper
79 100
52 73.9 59.4 89.2
51 37.7 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 49.225 ng
RT: 3.257 min Scan# 165
Delta R.T. 0.053 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 42 Resp: 200505
Ion Ratio Lower Upper
42 100
74 114.8 103.1 154.7
44 5.9 5.4 8.2

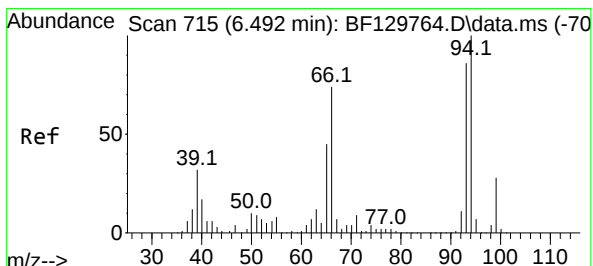
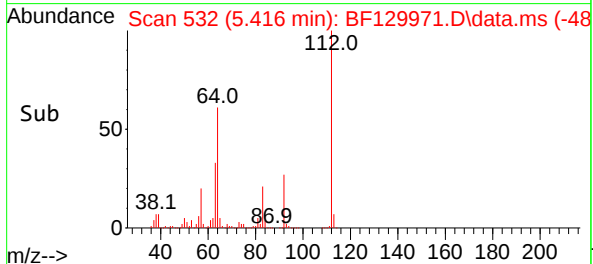
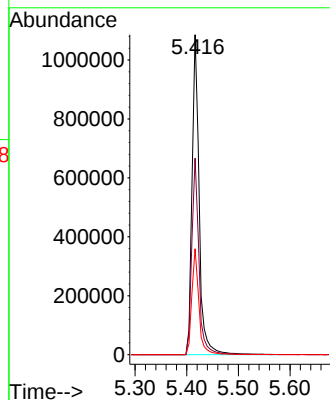
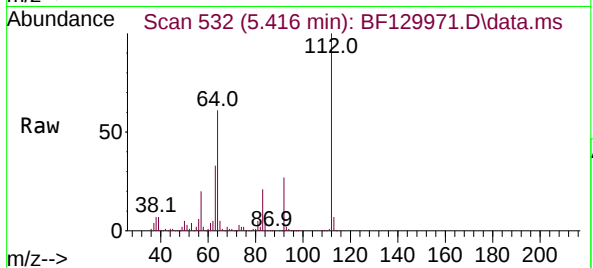




#5
2-Fluorophenol
Concen: 127.070 ng
RT: 5.416 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

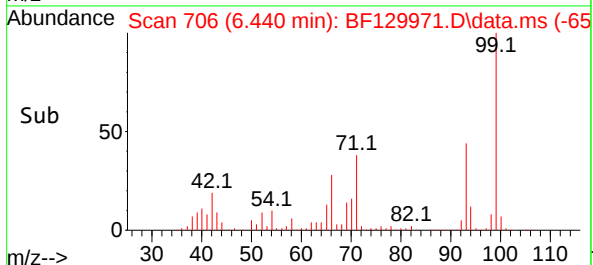
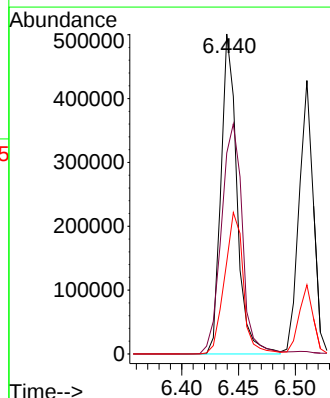
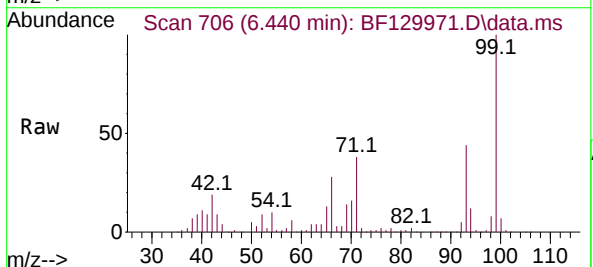
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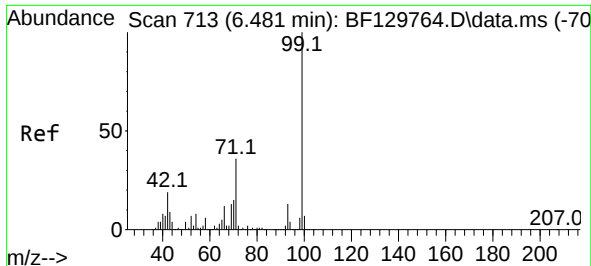
Tgt Ion:112 Resp: 1040240
Ion Ratio Lower Upper
112 100
64 61.4 47.6 71.4
63 33.1 24.6 37.0



#6
Aniline
Concen: 42.157 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 93 Resp: 492570
Ion Ratio Lower Upper
93 100
66 62.8 68.7 103.1#
65 28.8 41.6 62.4#



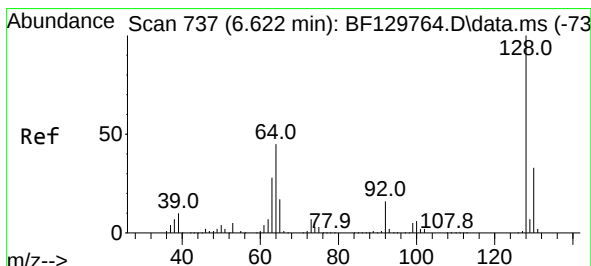
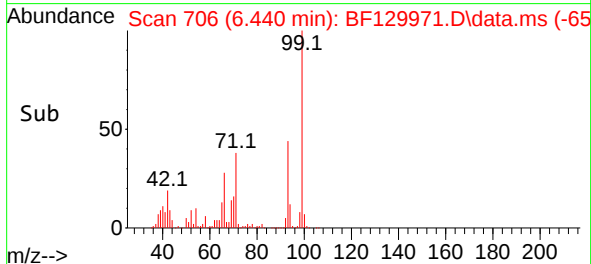
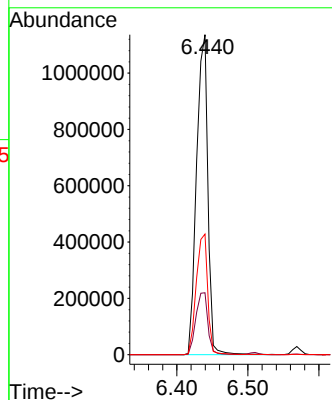
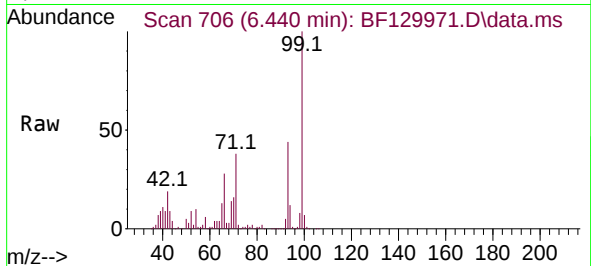


#7
Phenol-d6
Concen: 122.736 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

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Tgt Ion: 99 Resp: 1258235

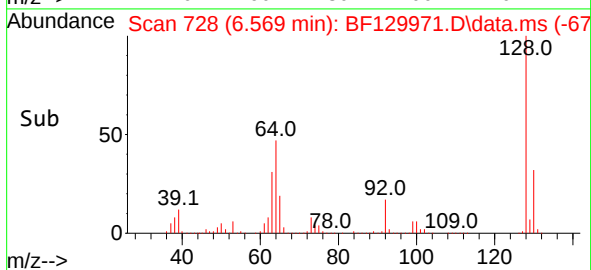
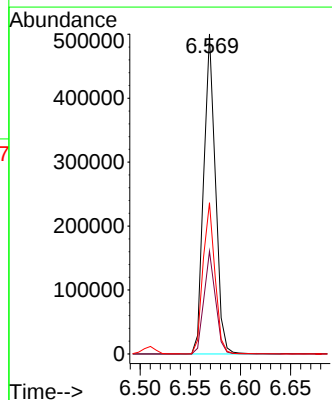
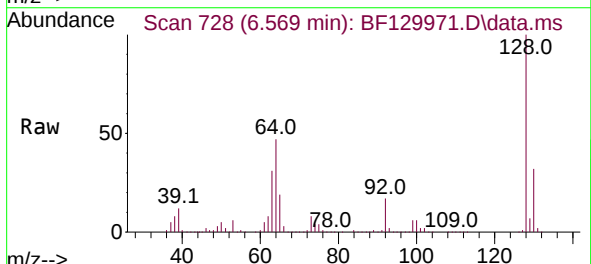
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	37.7	28.8	43.2

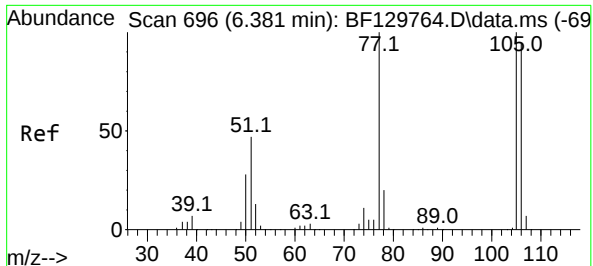


#8
2-Chlorophenol
Concen: 44.891 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:128 Resp: 409110

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	47.3	24.9	64.9

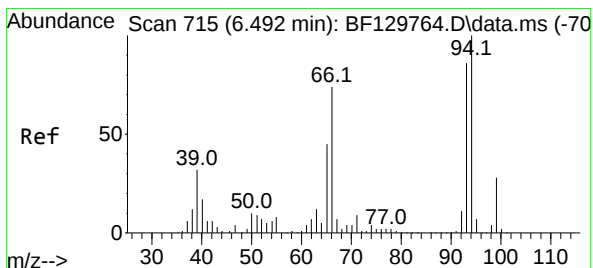
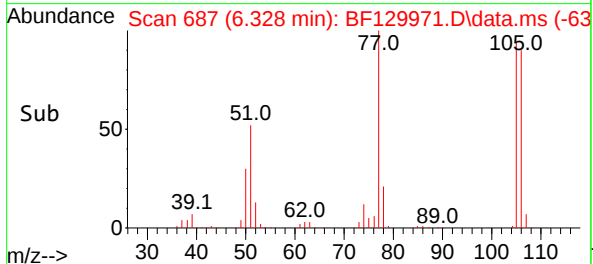
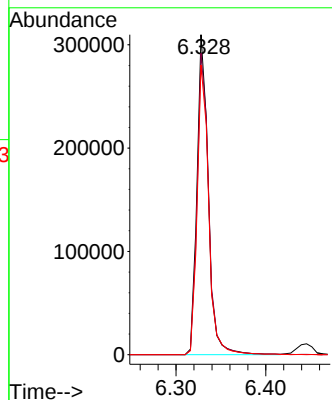
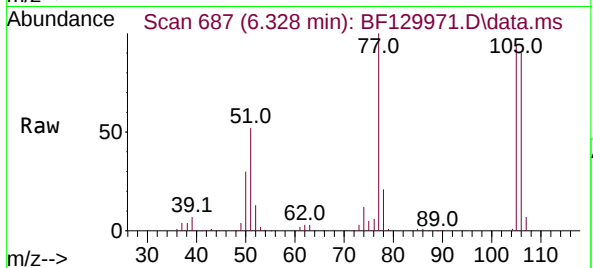




#9
Benzaldehyde
Concen: 51.439 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

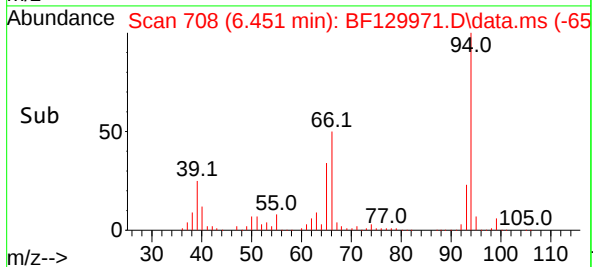
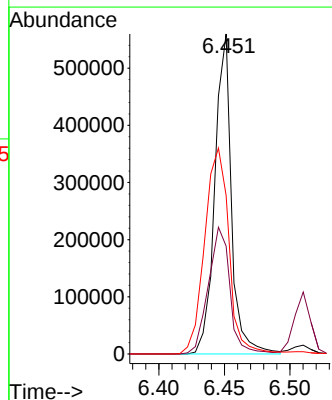
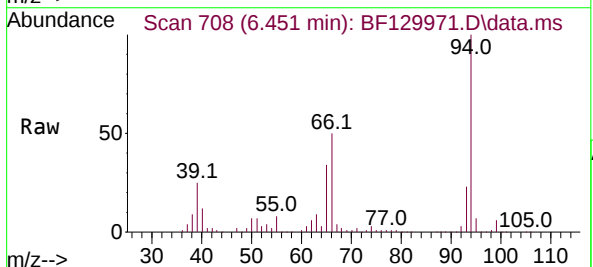
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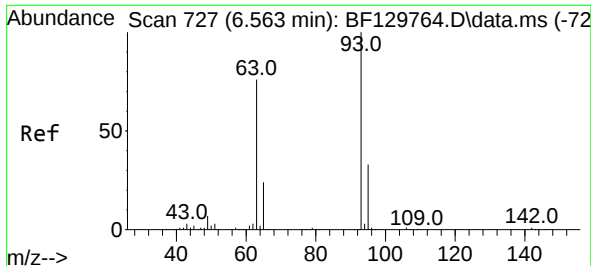
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Ion Ratio Lower Upper
77 100
105 94.2 80.3 120.3
106 90.5 74.3 114.3



#10
Phenol
Concen: 44.112 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 94 Resp: 496046
Ion Ratio Lower Upper
94 100
65 33.7 24.9 64.9
66 49.6 54.2 94.2#

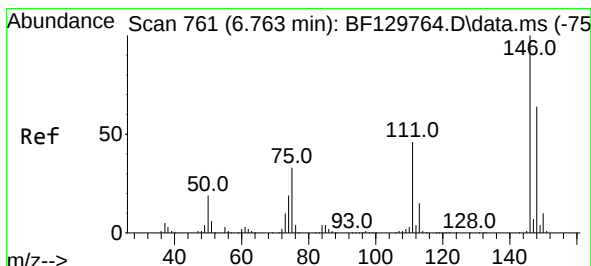
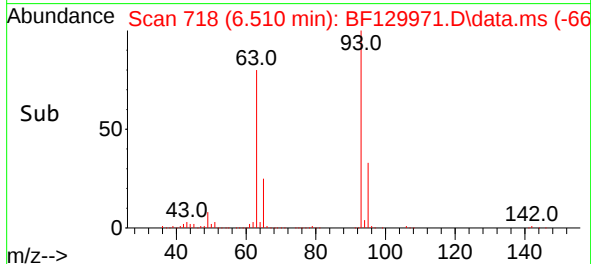
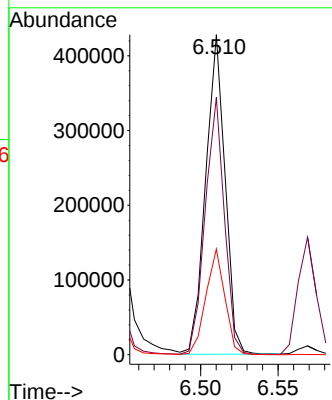
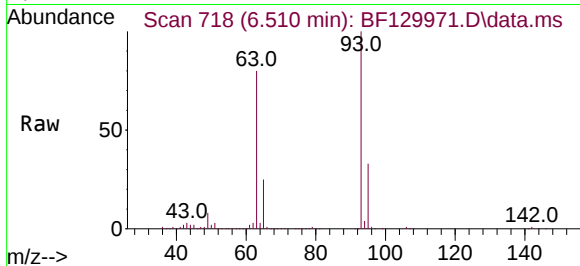




#11
bis(2-Chloroethyl)ether
Concen: 43.621 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

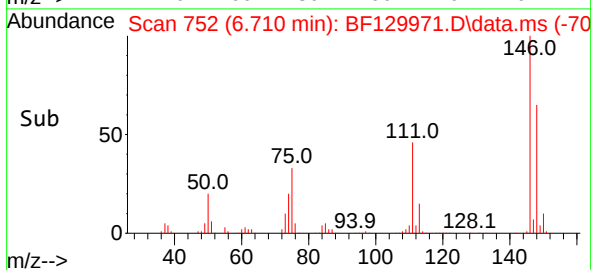
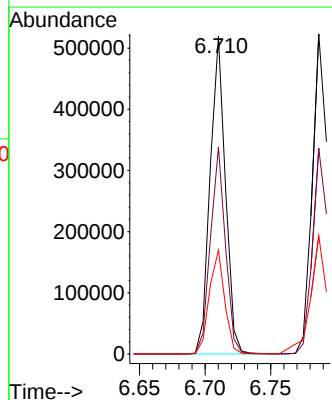
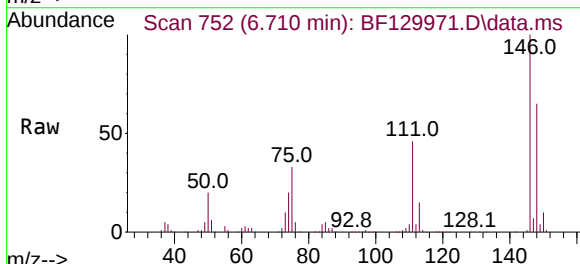
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

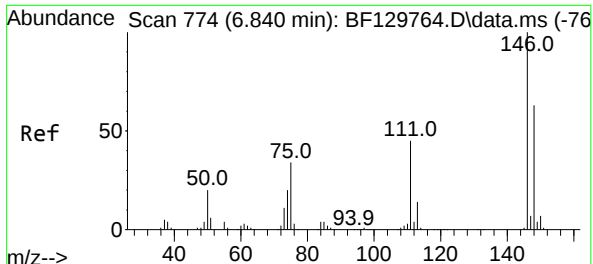
Tgt Ion: 93 Resp: 372493
Ion Ratio Lower Upper
93 100
63 80.4 55.9 95.9
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.851 ng
RT: 6.710 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:146 Resp: 421586
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
75 32.7 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.246 ng

RT: 6.787 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

PB147081BS

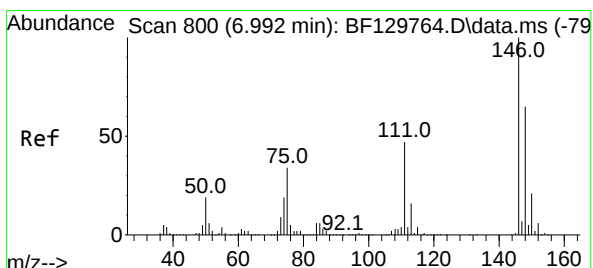
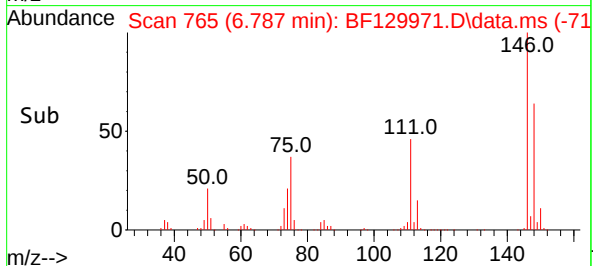
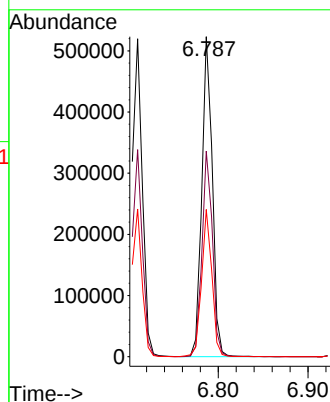
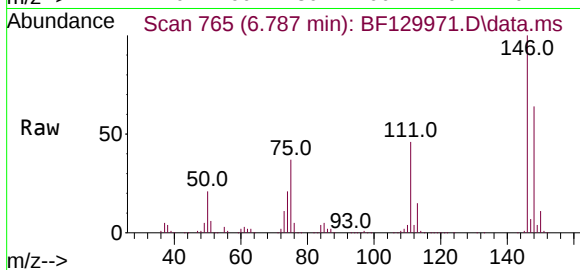
Tgt Ion:146 Resp: 424686

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 46.0 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 43.682 ng

RT: 6.940 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

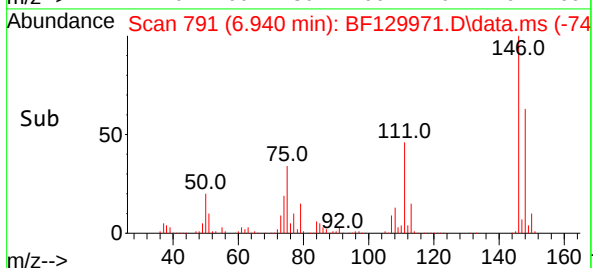
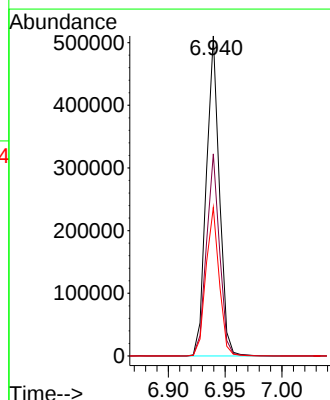
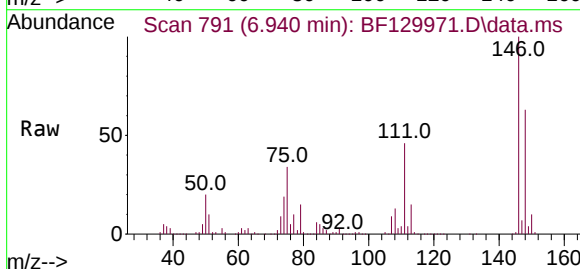
Tgt Ion:146 Resp: 407837

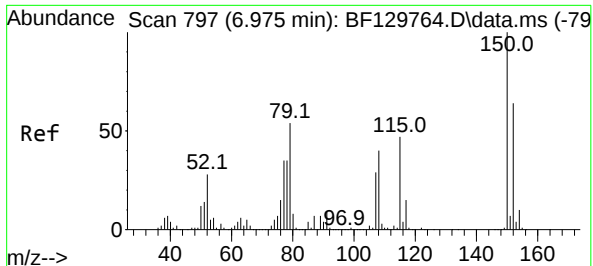
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

111 46.4 37.2 55.8





#15

Benzyl Alcohol

Concen: 45.725 ng

RT: 6.928 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

PB147081BS

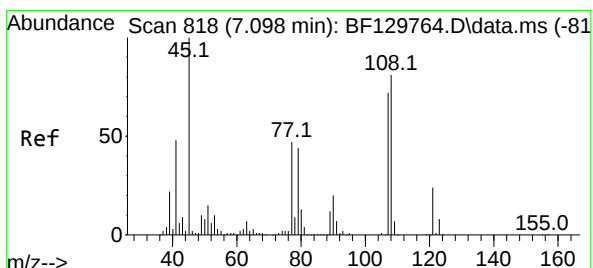
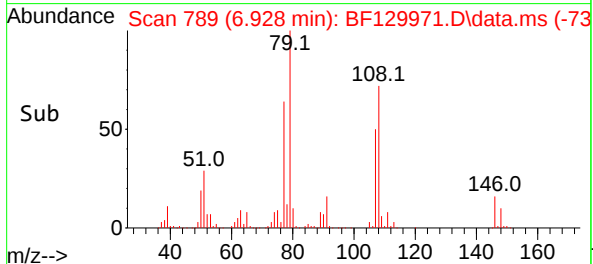
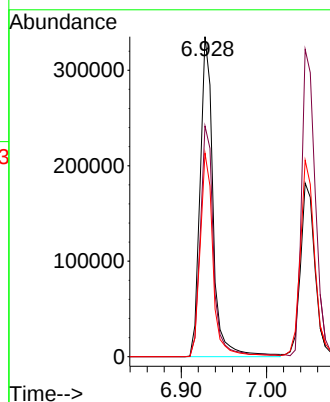
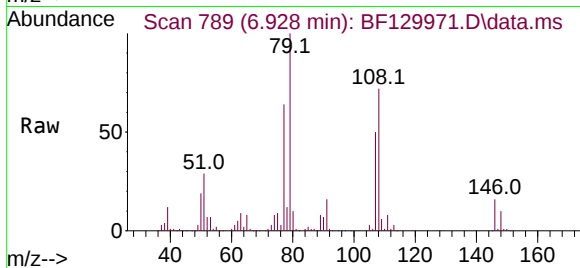
Tgt Ion: 79 Resp: 353873

Ion Ratio Lower Upper

79 100

108 72.1 59.2 88.8

77 63.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.214 ng

RT: 7.045 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

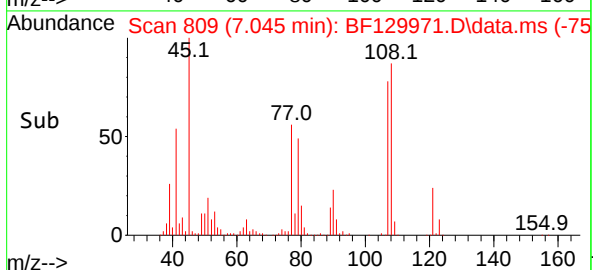
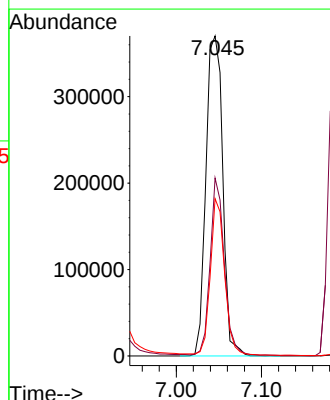
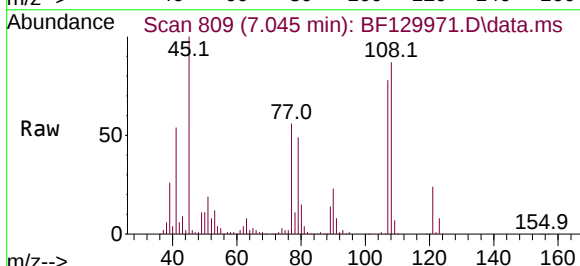
Tgt Ion: 45 Resp: 505914

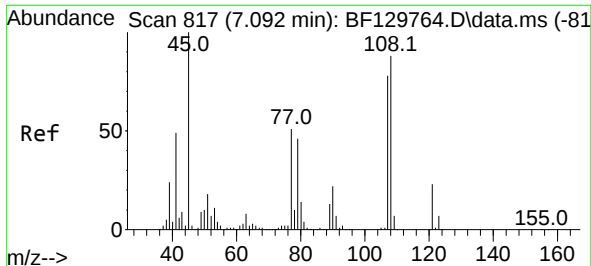
Ion Ratio Lower Upper

45 100

77 55.6 27.4 67.4

79 49.1 24.4 64.4

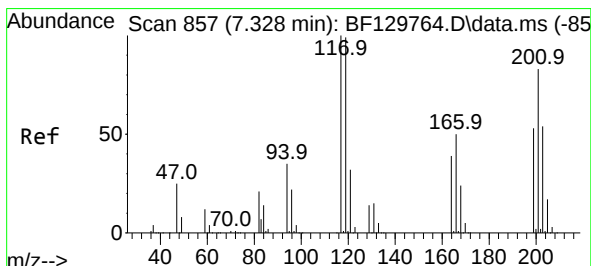
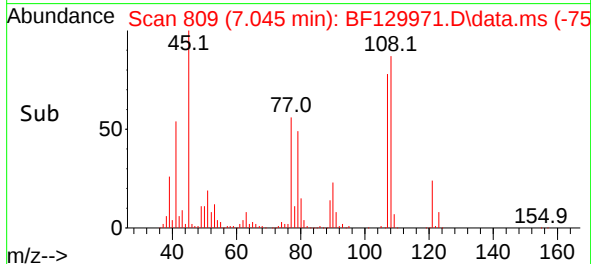
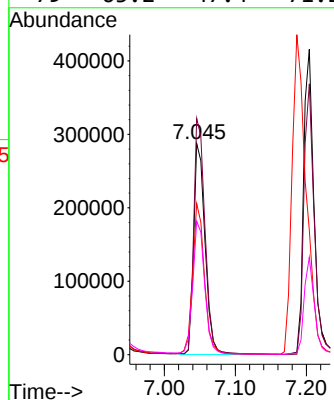
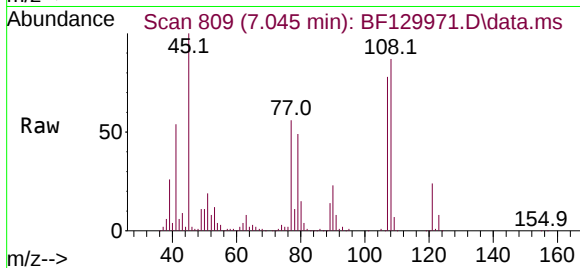




#17
2-Methylphenol
Concen: 44.096 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

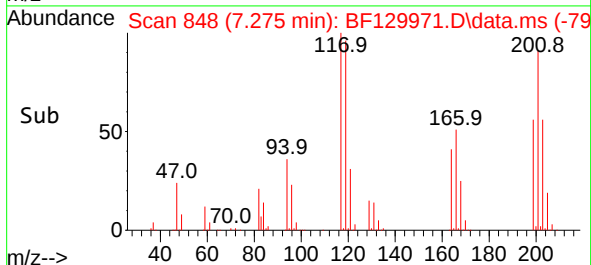
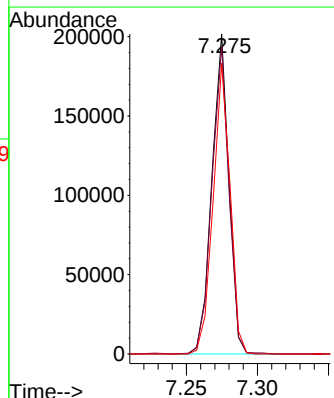
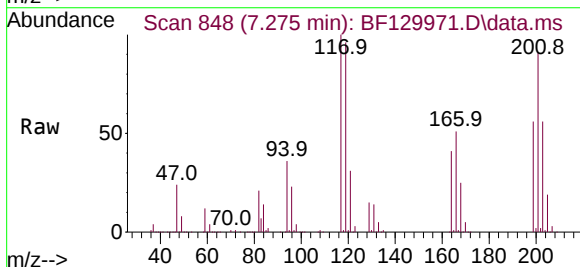
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

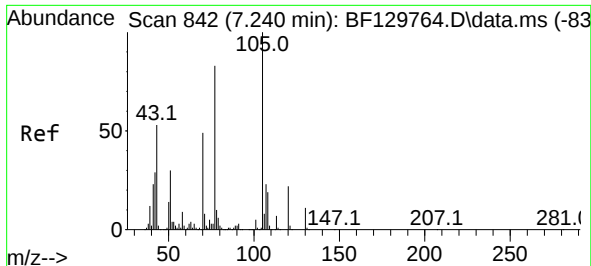
Tgt Ion:107 Resp: 322671
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.2
77 71.5 51.8 77.8
79 63.2 47.4 71.2



#18
Hexachloroethane
Concen: 44.600 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:117 Resp: 168368
Ion Ratio Lower Upper
117 100
119 96.3 79.1 118.7
201 90.8 66.6 100.0

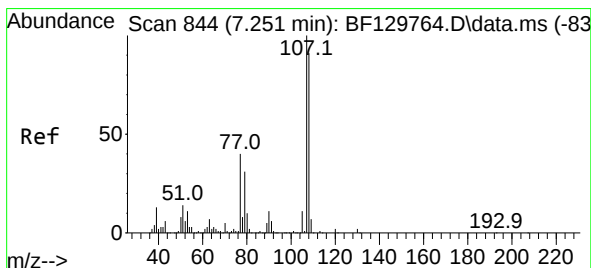
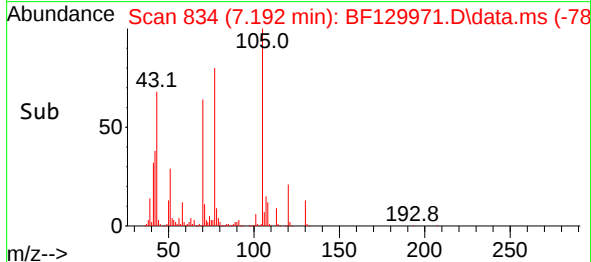
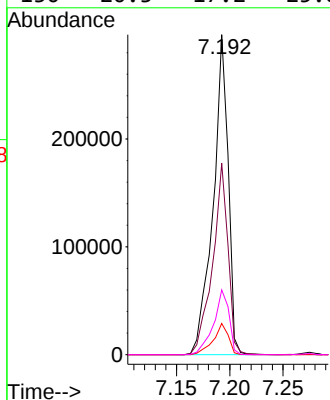
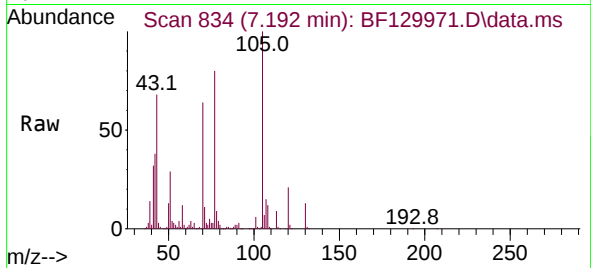




#19
n-Nitroso-di-n-propylamine
Concen: 45.061 ng
RT: 7.192 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

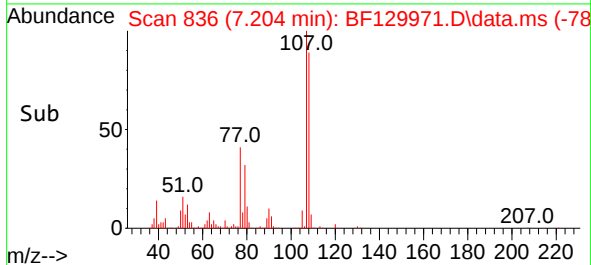
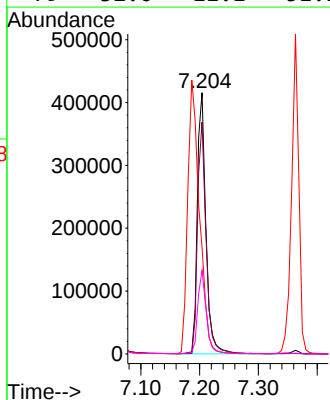
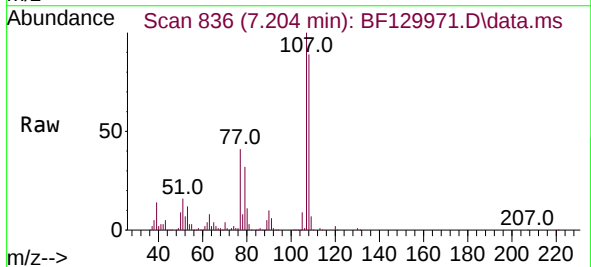
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

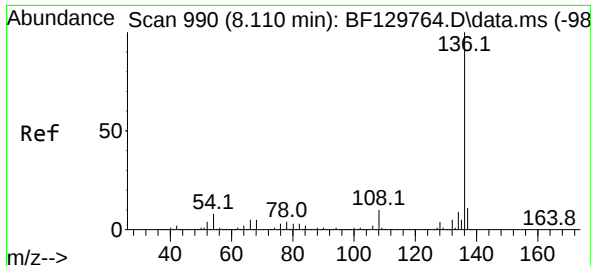
Tgt Ion: 70 Resp: 291991
Ion Ratio Lower Upper
70 100
42 59.9 47.6 71.4
101 9.7 8.1 12.1
130 20.3 17.2 25.8



#20
3+4-Methylphenols
Concen: 43.034 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 107 Resp: 422706
Ion Ratio Lower Upper
107 100
108 88.7 71.3 111.3
77 40.8 20.4 60.4
79 32.0 11.1 51.1

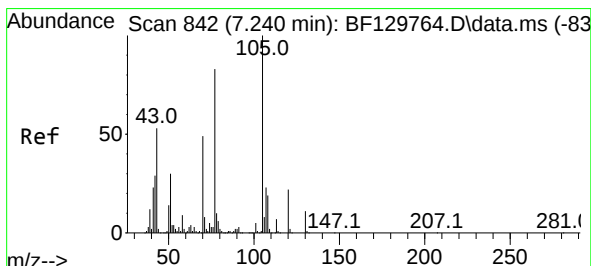
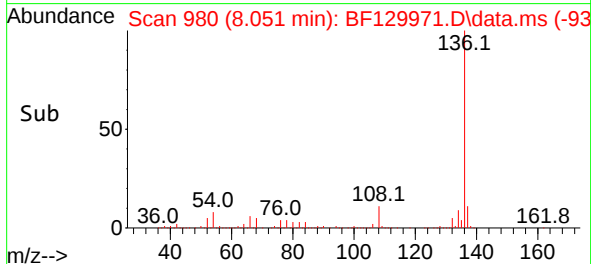
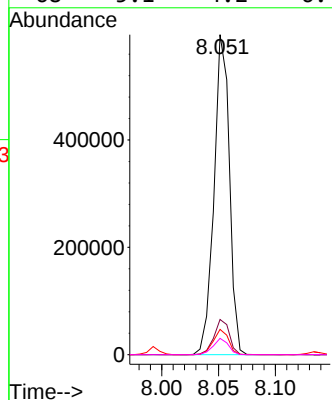
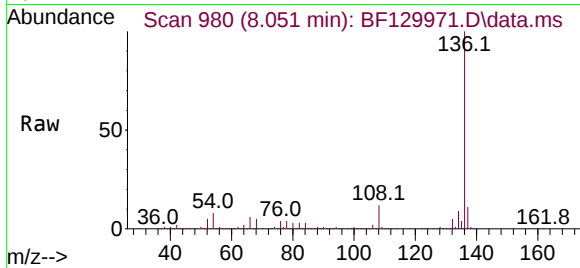




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

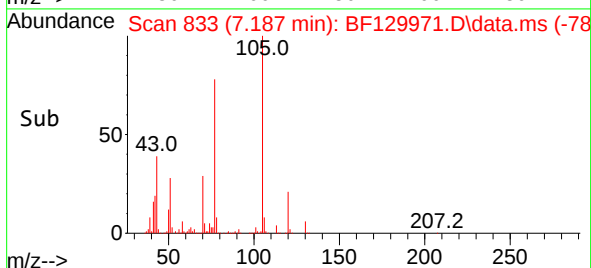
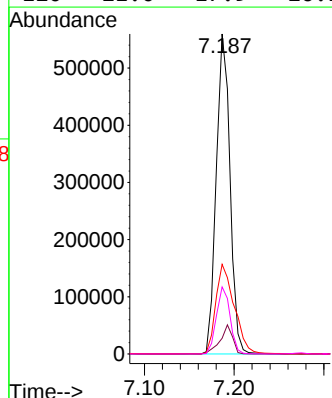
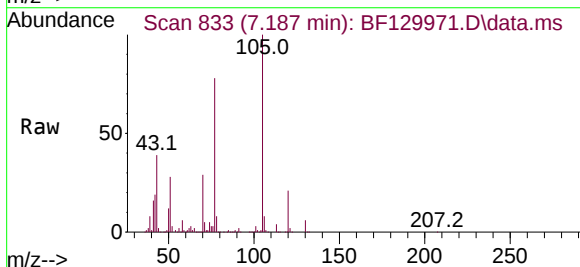
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MSVOA_D
ClientSampleId :
PB147081BS

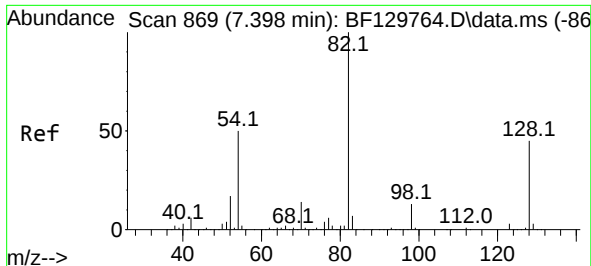
Tgt Ion	136	Resp:	562245
	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.9	6.2	9.2
68	5.1	4.2	6.4



#22
Acetophenone
Concen: 43.393 ng
RT: 7.187 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt	Ion:105	Resp:	594542
Ion	Ratio	Lower	Upper
105	100		
71	4.9	6.6	9.8#
51	28.0	23.8	35.8
120	21.0	17.9	26.9

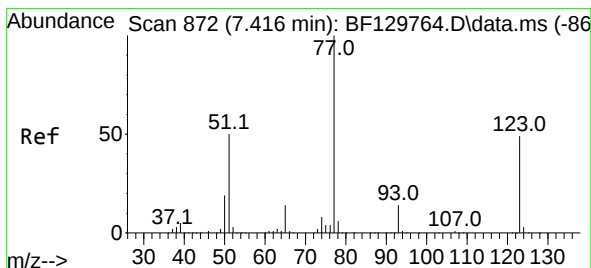
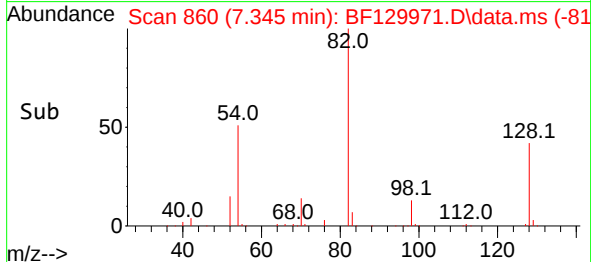
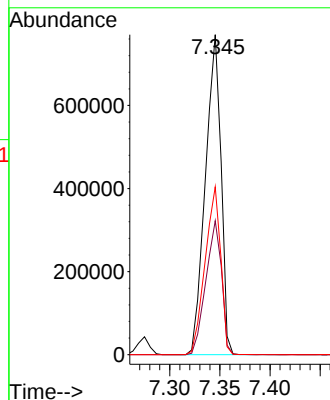
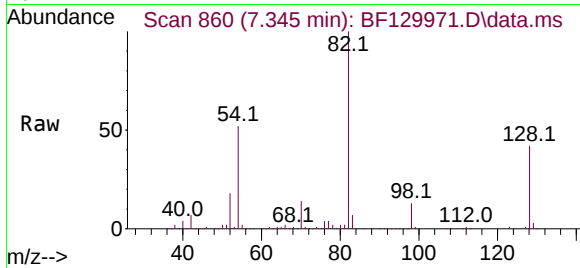




#23
Nitrobenzene-d5
Concen: 79.677 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

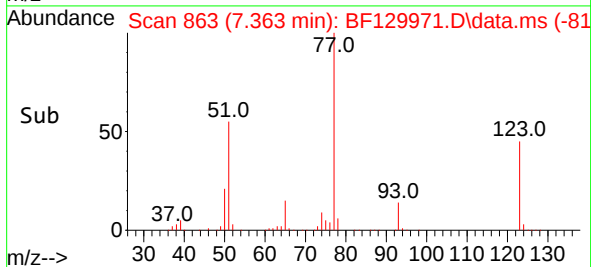
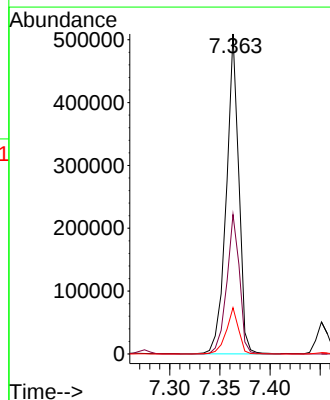
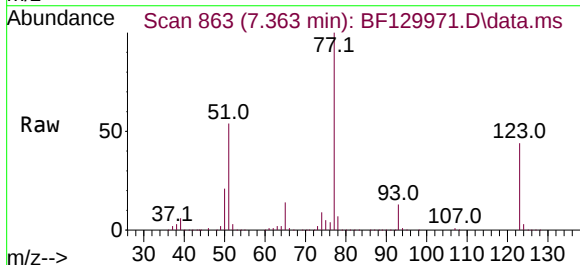
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

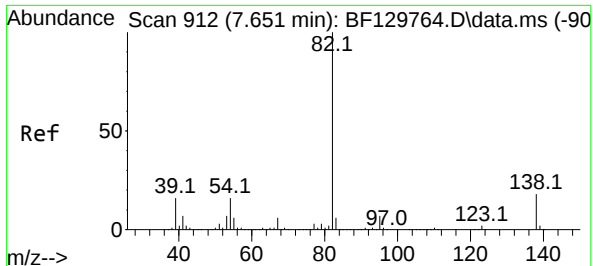
Tgt Ion: 82 Resp: 836851
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 52.5 40.0 60.0



#24
Nitrobenzene
Concen: 41.433 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 77 Resp: 438814
Ion Ratio Lower Upper
77 100
123 43.6 39.2 58.8
65 14.5 11.1 16.7

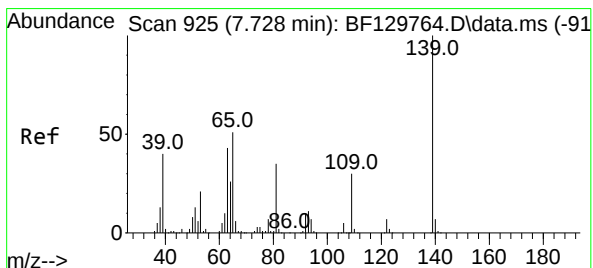
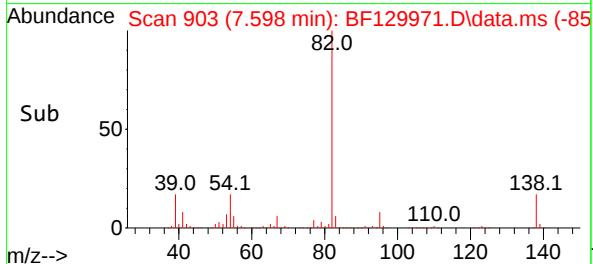
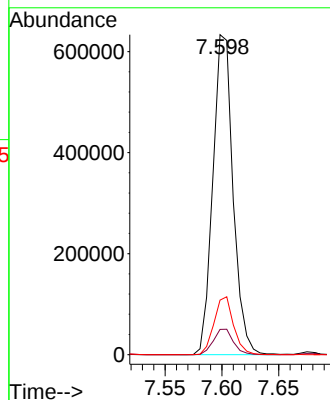
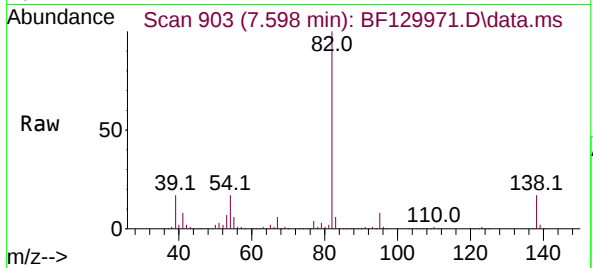




#25
Isophorone
Concen: 43.400 ng
RT: 7.598 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

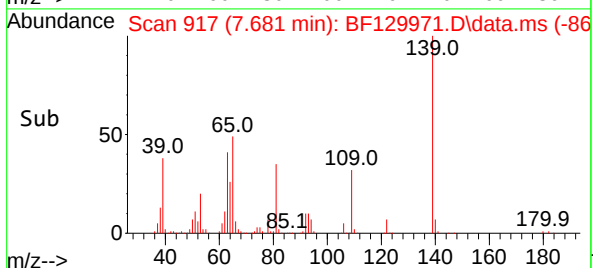
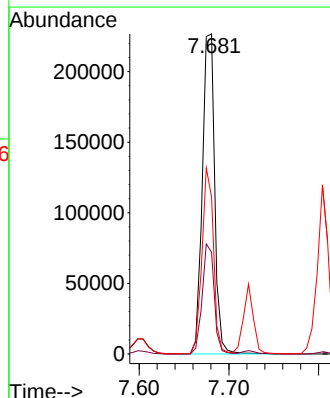
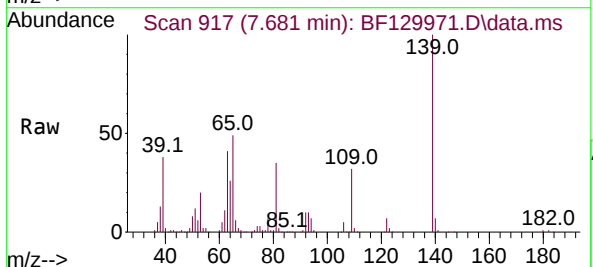
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

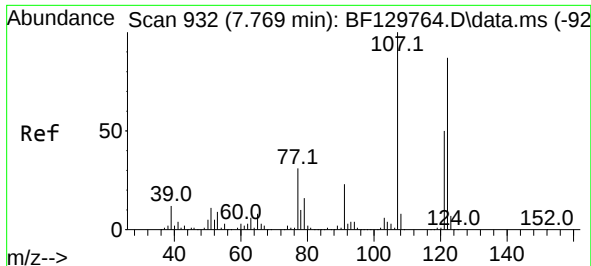
Tgt Ion: 82 Resp: 784554
Ion Ratio Lower Upper
82 100
95 7.9 5.9 8.9
138 17.0 14.6 21.8



#26
2-Nitrophenol
Concen: 41.685 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:139 Resp: 217152
Ion Ratio Lower Upper
139 100
109 31.8 24.4 36.6
65 49.1 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 45.787 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

PB147081BS

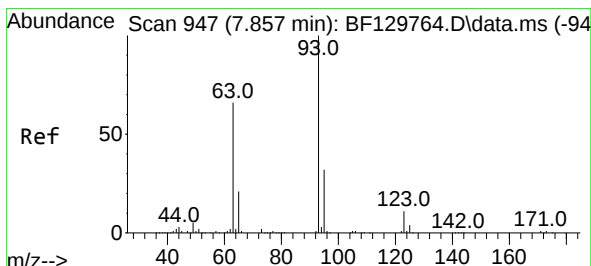
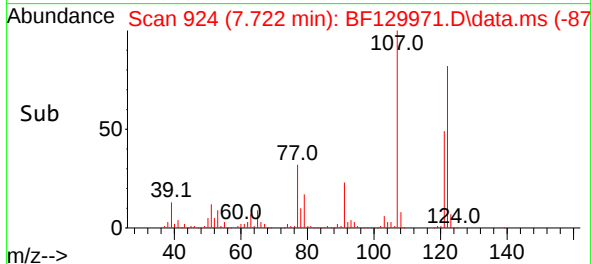
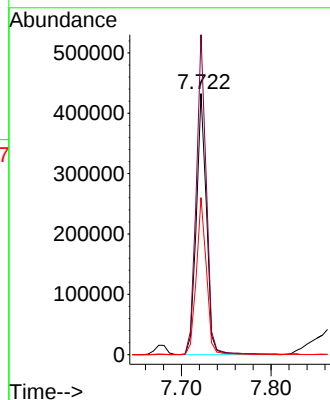
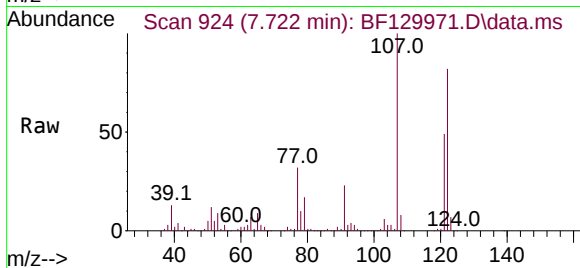
Tgt Ion:122 Resp: 342071

Ion Ratio Lower Upper

122 100

107 122.6 92.2 138.4

121 60.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.207 ng

RT: 7.804 min Scan# 938

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

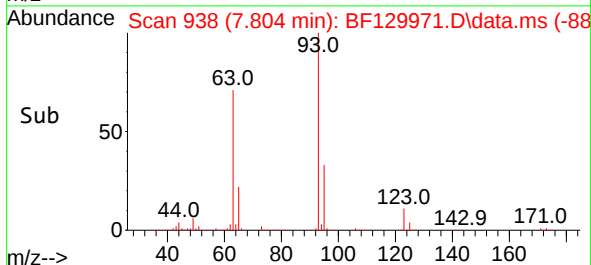
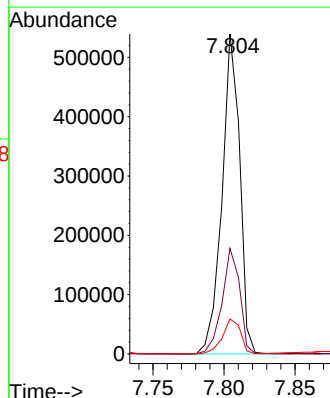
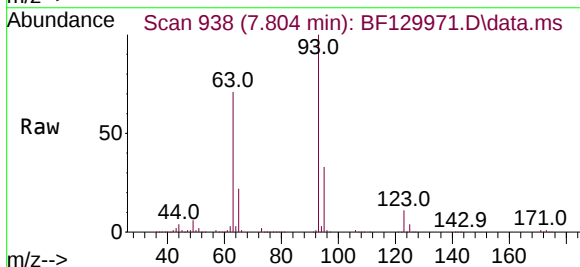
Tgt Ion: 93 Resp: 466605

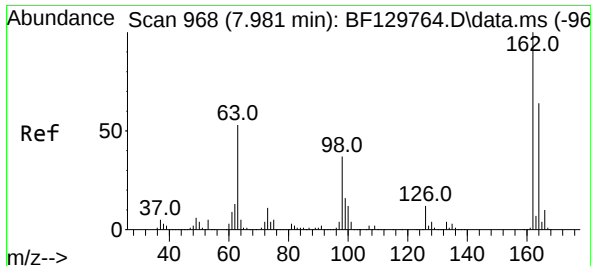
Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.478 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

PB147081BS

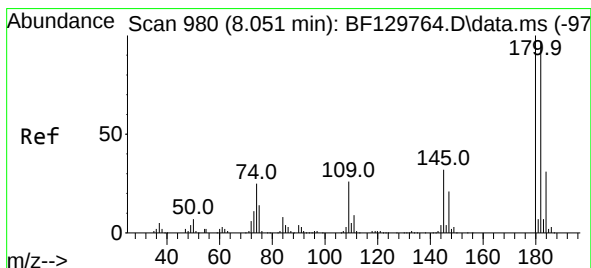
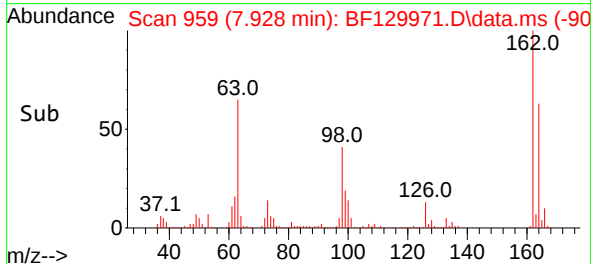
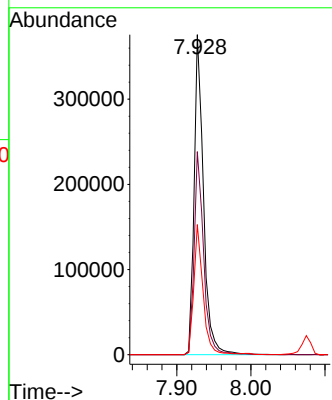
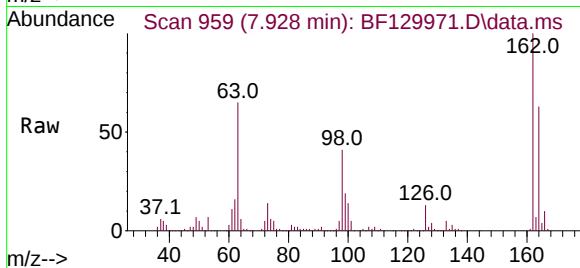
Tgt Ion:162 Resp: 330672

Ion Ratio Lower Upper

162 100

164 63.5 43.7 83.7

98 40.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.314 ng

RT: 7.992 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

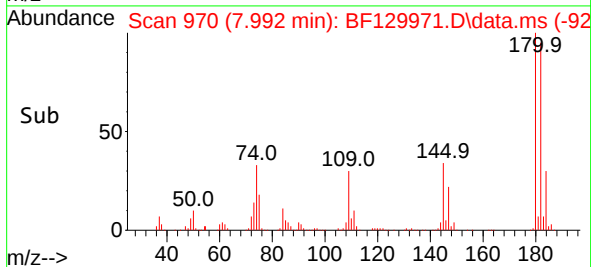
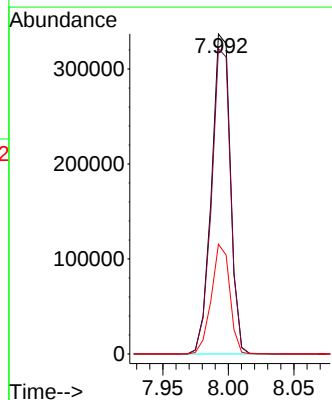
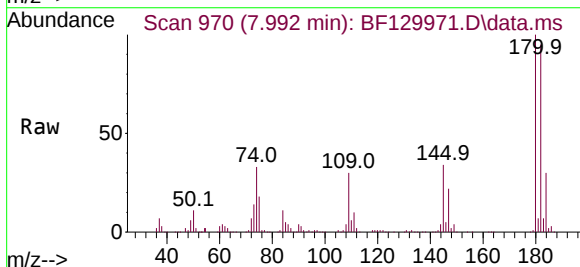
Tgt Ion:180 Resp: 338809

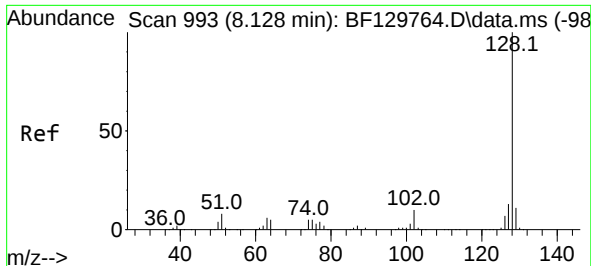
Ion Ratio Lower Upper

180 100

182 95.4 77.6 116.4

145 34.3 25.6 38.4

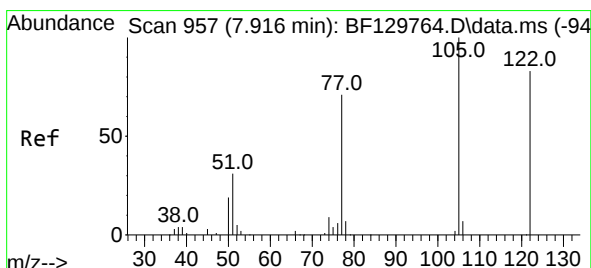
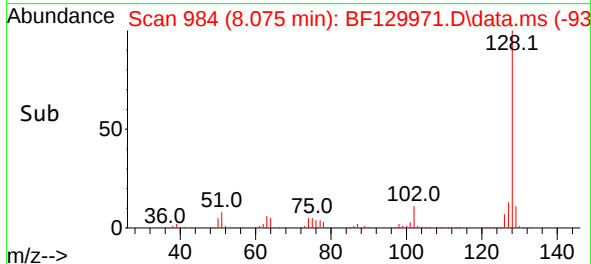
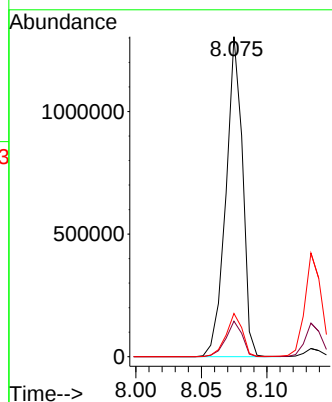
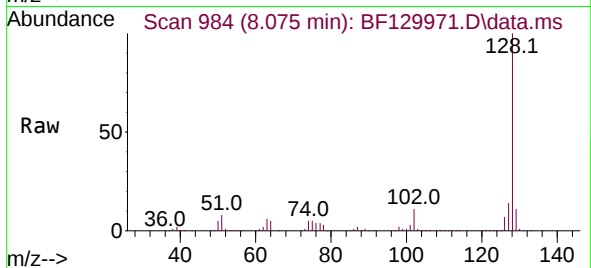




#31
Naphthalene
Concen: 39.069 ng
RT: 8.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

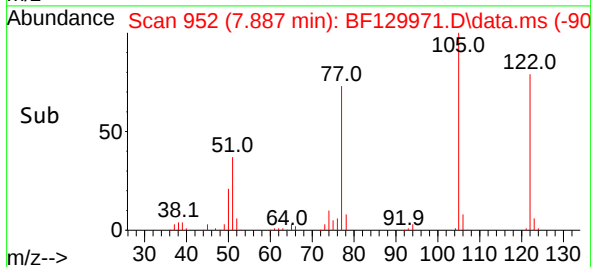
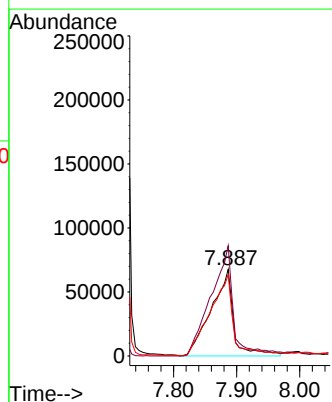
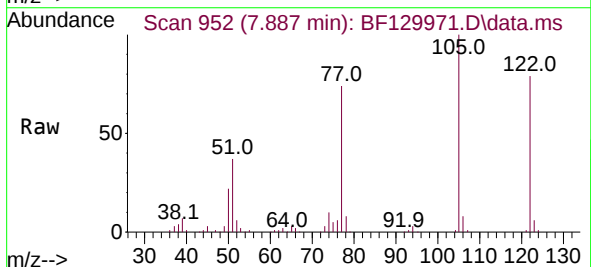
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

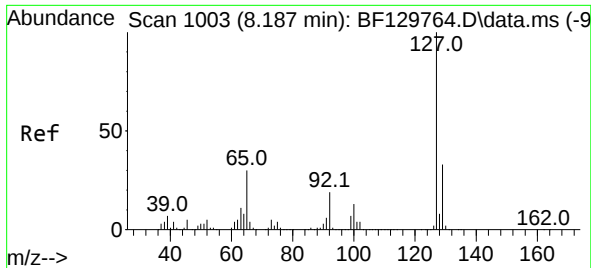
Tgt Ion:128 Resp: 1148526
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 49.604 ng
RT: 7.887 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:122 Resp: 168324
Ion Ratio Lower Upper
122 100
105 127.4 99.9 139.9
77 93.9 65.9 105.9

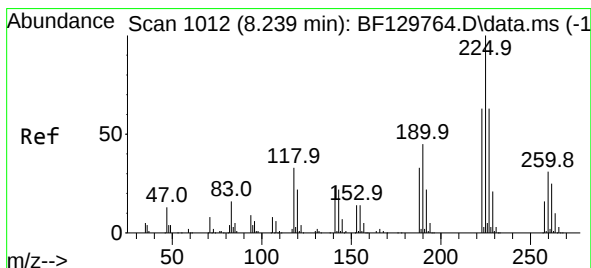
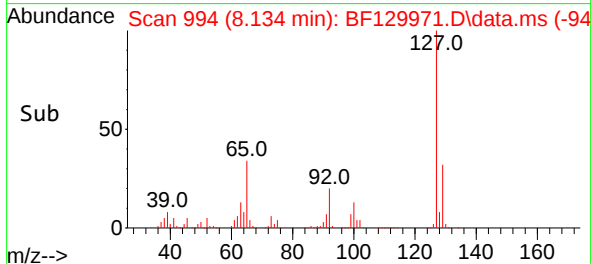
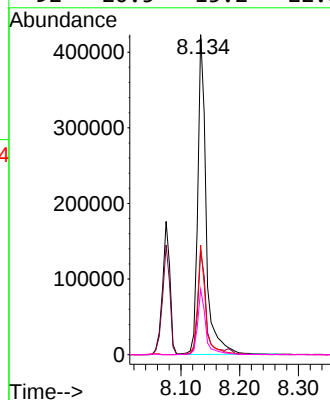
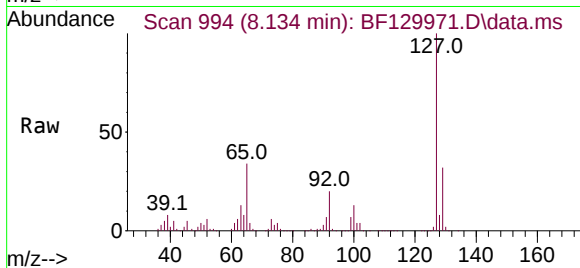




#33
4-Chloroaniline
Concen: 36.174 ng
RT: 8.134 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

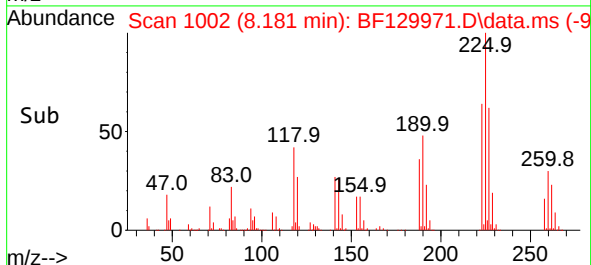
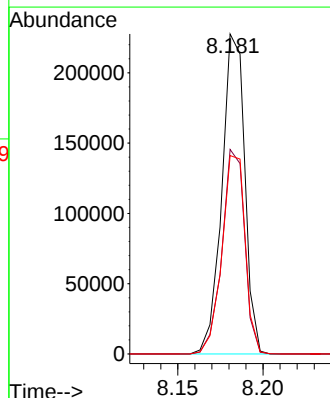
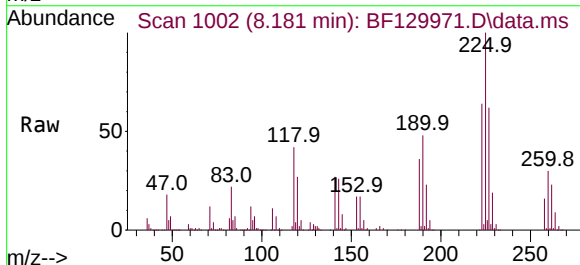
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

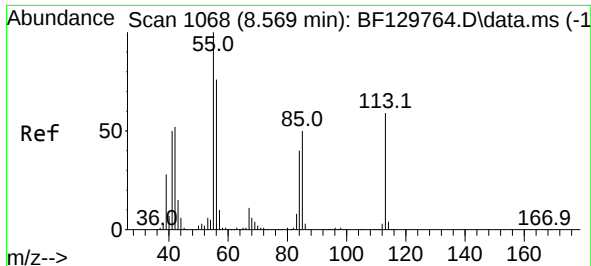
Tgt Ion:	127	Resp:	418190
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.7	40.1
65	34.2	24.2	36.2
92	20.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.479 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:	225	Resp:	212420
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	62.0	50.6	75.8

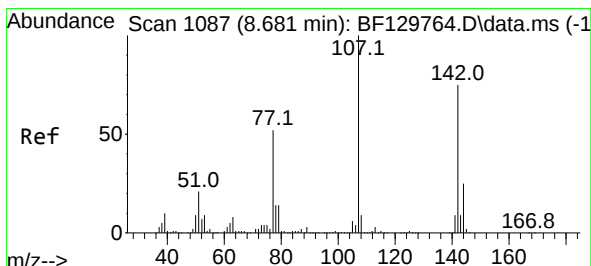
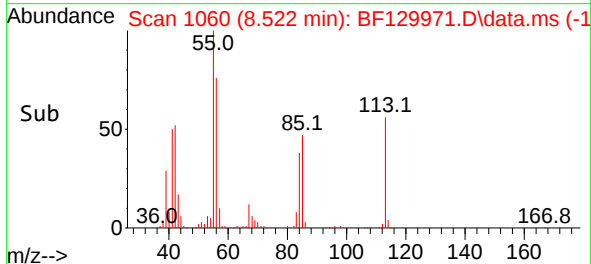
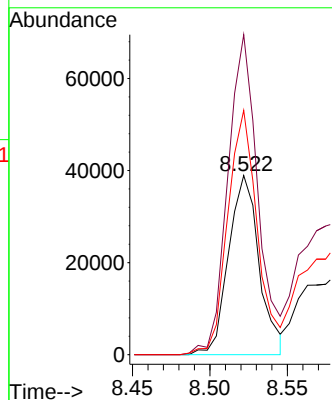
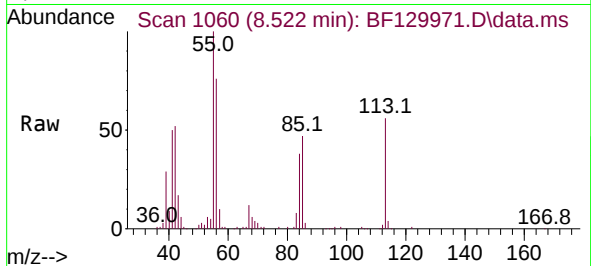




#35
 Caprolactam
 Concen: 21.062 ng
 RT: 8.522 min Scan# 1060
 Delta R.T. -0.006 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

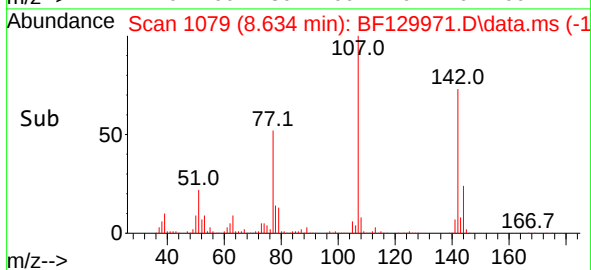
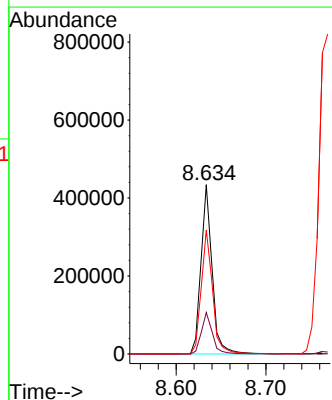
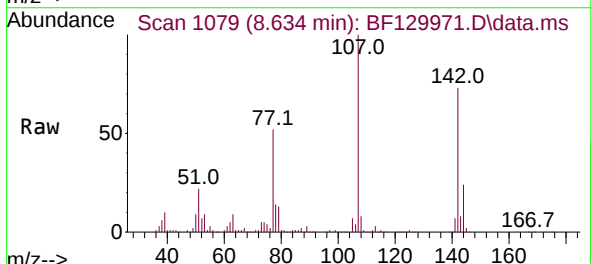
Instrument :
 MSVOA_D
 ClientSampleId :
 PB147081BS

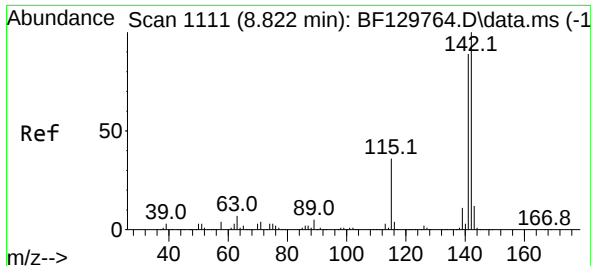
Tgt Ion:113 Resp: 53505
 Ion Ratio Lower Upper
 113 100
 55 178.5 148.8 188.8
 56 136.3 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.612 ng
 RT: 8.634 min Scan# 1079
 Delta R.T. 0.000 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

Tgt Ion:107 Resp: 375545
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.9 29.9
 142 73.3 60.2 90.4





#37

2-Methylnaphthalene

Concen: 39.276 ng

RT: 8.769 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

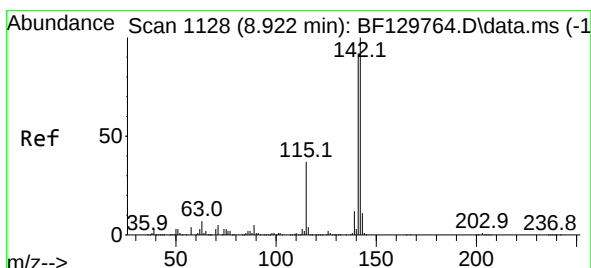
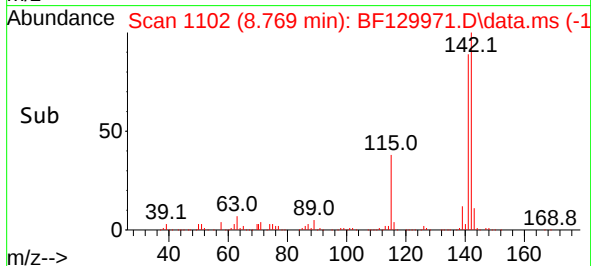
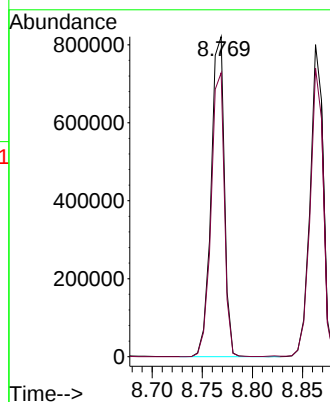
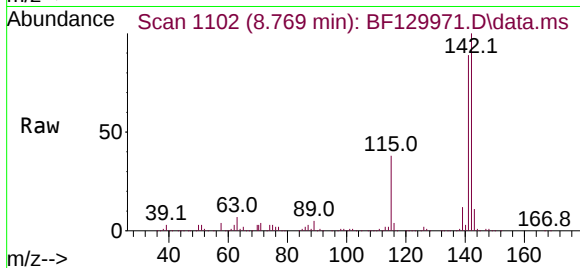
PB147081BS

Tgt Ion:142 Resp: 757820

Ion Ratio Lower Upper

142 100

141 88.7 70.9 106.3



#38

1-Methylnaphthalene

Concen: 38.384 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF129971.D

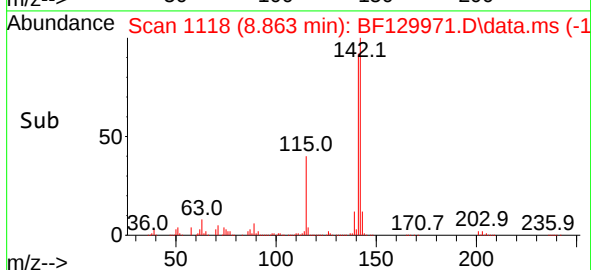
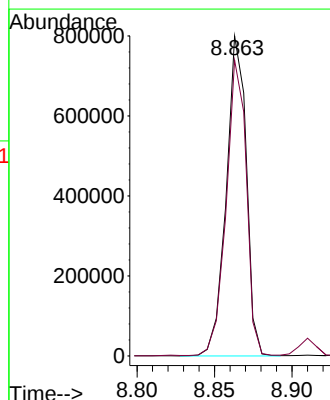
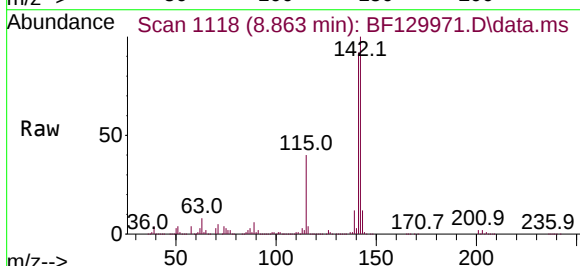
Acq: 24 Aug 2022 13:28

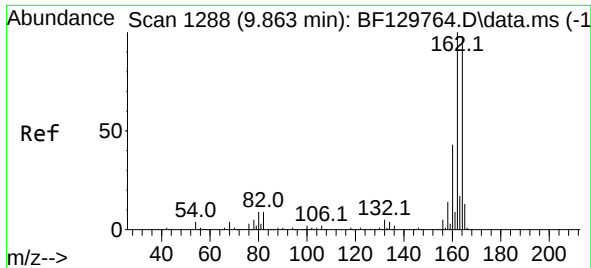
Tgt Ion:142 Resp: 719762

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

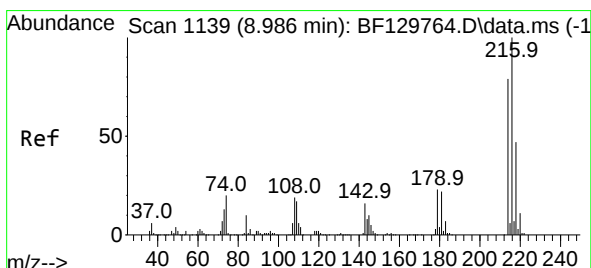
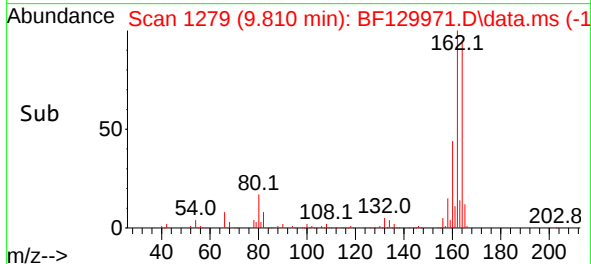
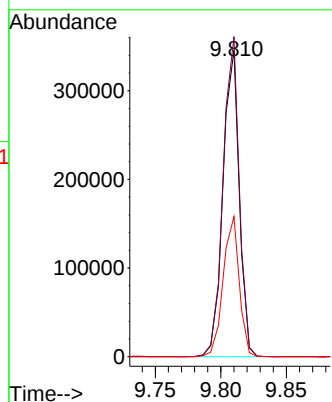
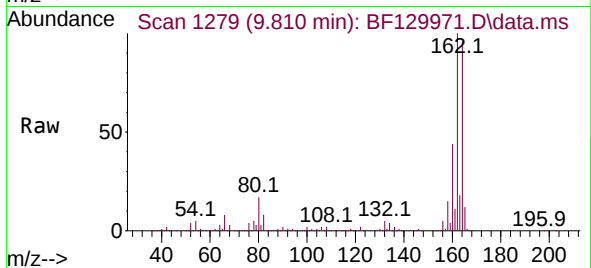




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

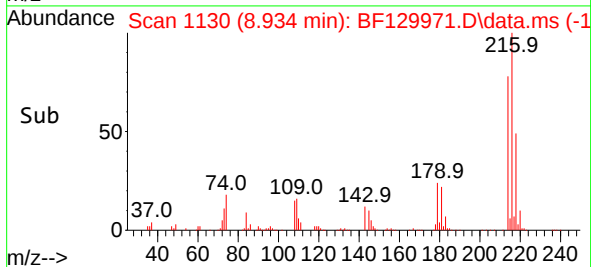
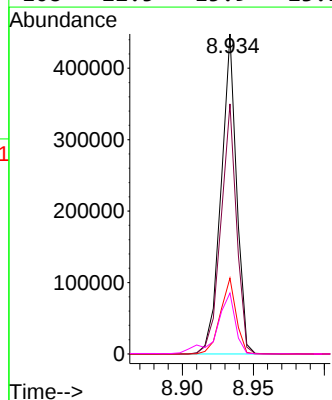
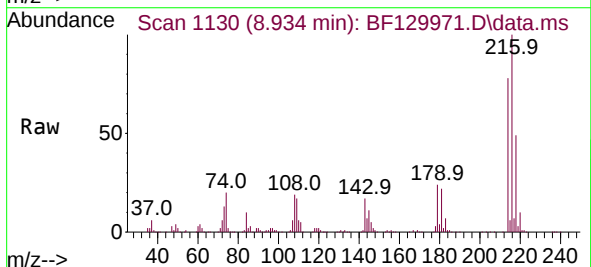
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

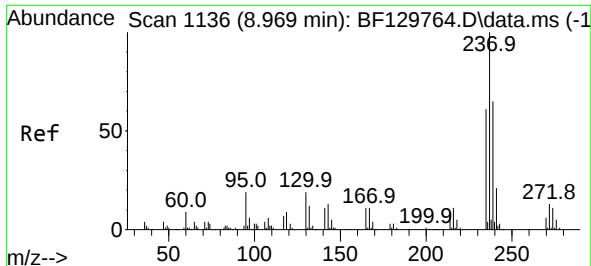
Tgt Ion:164 Resp: 296949
Ion Ratio Lower Upper
164 100
162 104.3 82.0 123.0
160 45.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.162 ng
RT: 8.934 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:216 Resp: 339960
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 24.0 18.1 27.1
108 22.5 15.9 23.9

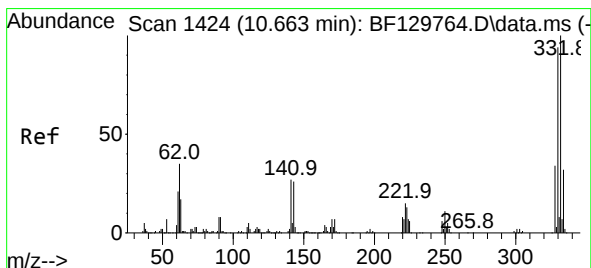
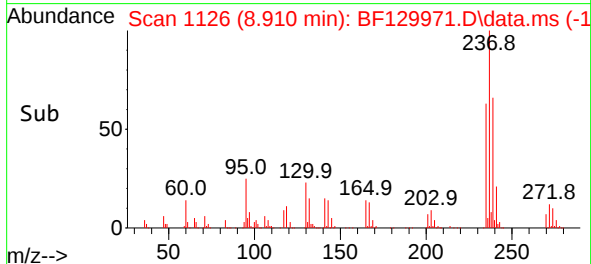
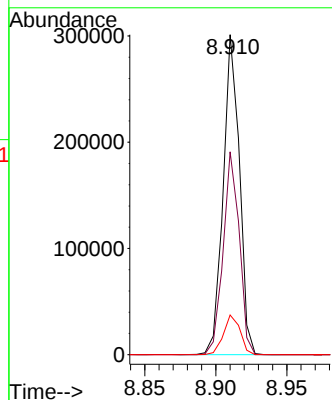
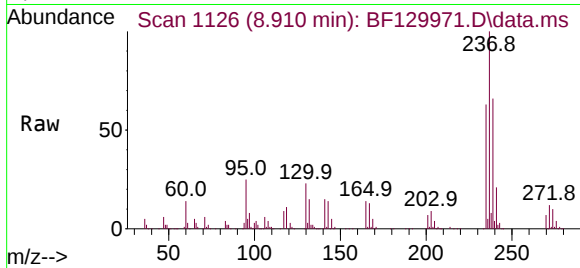




#41
Hexachlorocyclopentadiene
Concen: 85.634 ng
RT: 8.910 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

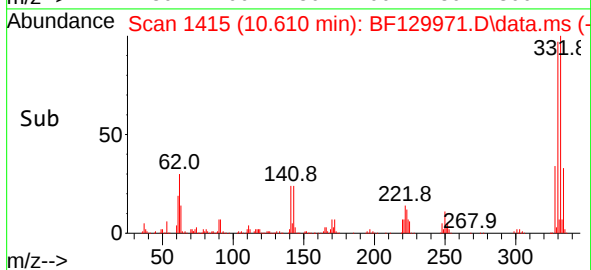
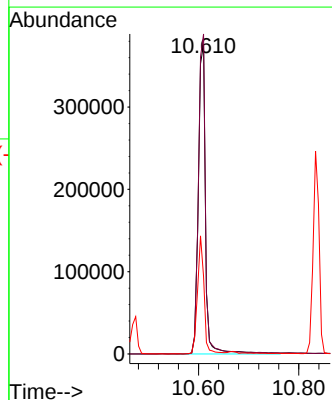
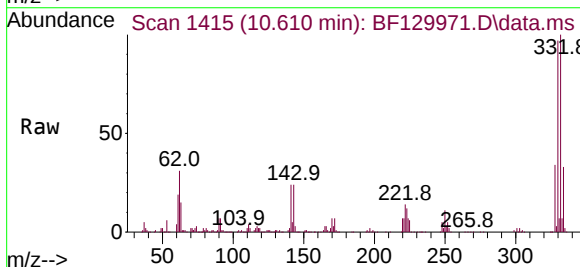
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

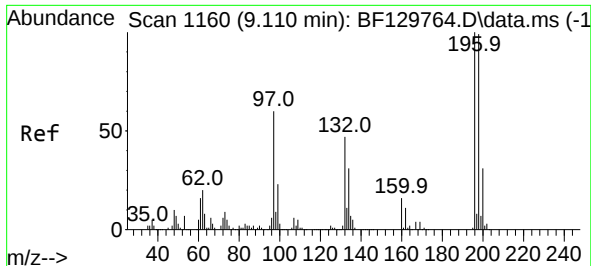
Tgt Ion:237 Resp: 239049
Ion Ratio Lower Upper
237 100
235 63.4 41.5 81.5
272 12.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 125.067 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:330 Resp: 372740
Ion Ratio Lower Upper
330 100
332 101.0 82.6 124.0
141 34.7 27.6 41.4

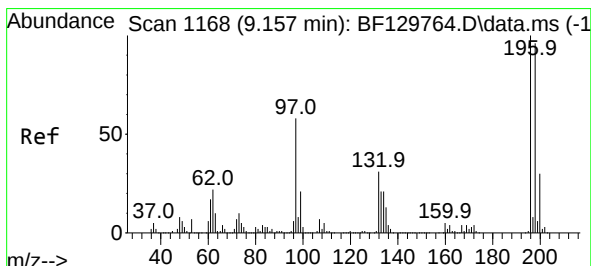
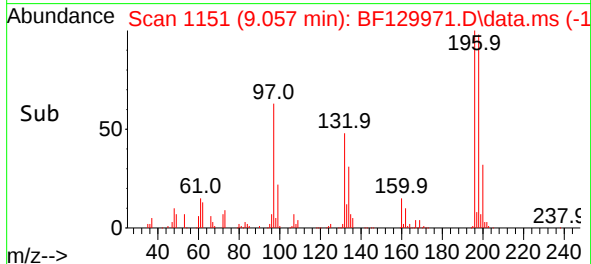
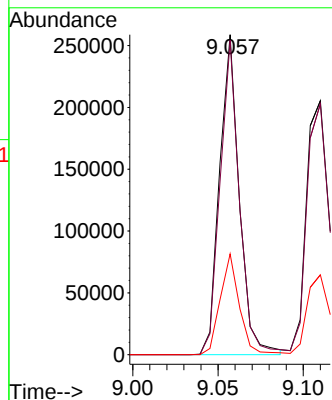
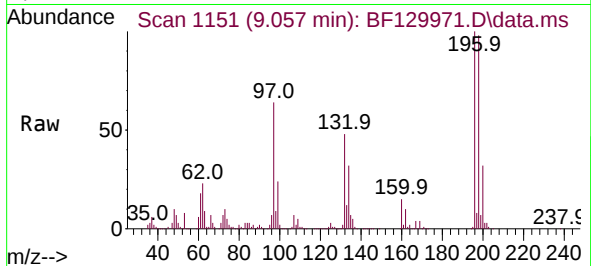




#43
2,4,6-Trichlorophenol
Concen: 38.792 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

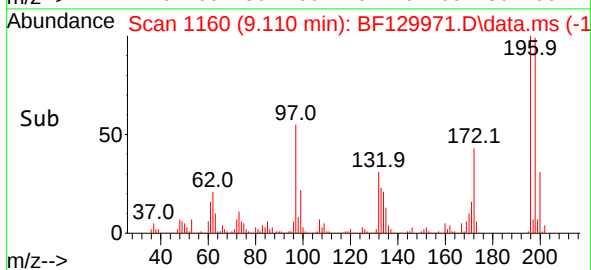
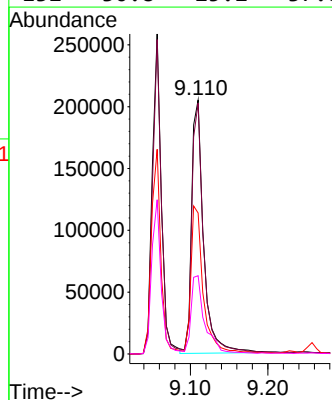
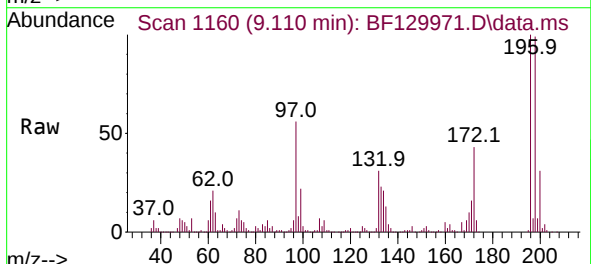
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

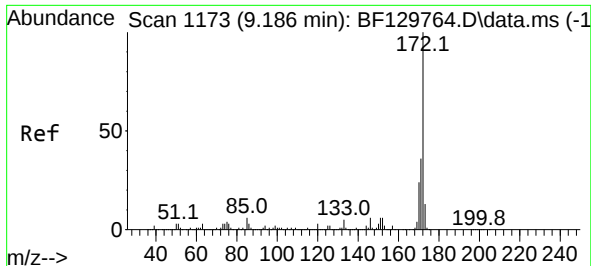
Tgt Ion:196 Resp: 208164
Ion Ratio Lower Upper
196 100
198 98.2 79.0 118.4
200 31.5 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 38.174 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:196 Resp: 220386
Ion Ratio Lower Upper
196 100
198 98.8 76.4 114.6
97 55.5 46.5 69.7
132 30.8 25.2 37.8

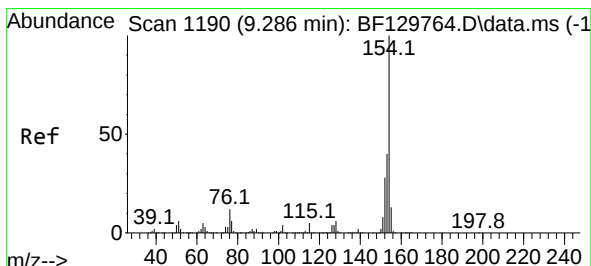
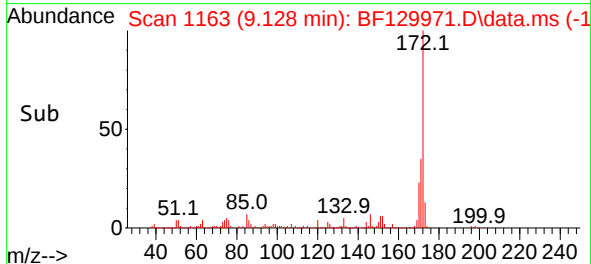
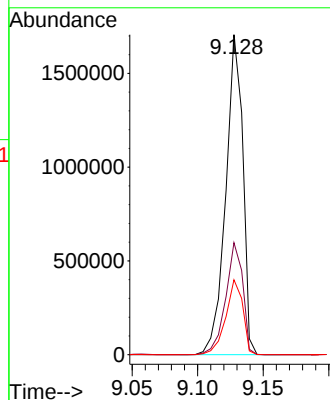
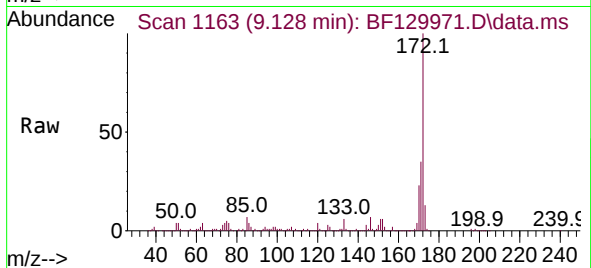




#45
2-Fluorobiphenyl
Concen: 78.858 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

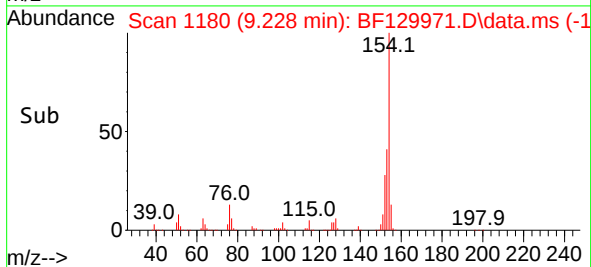
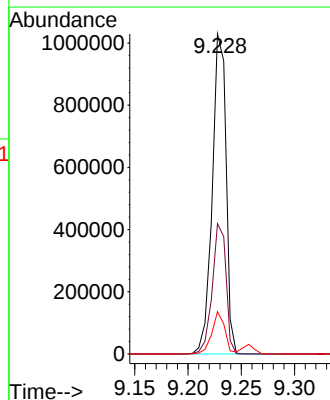
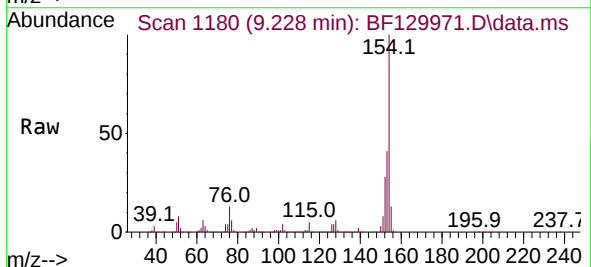
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

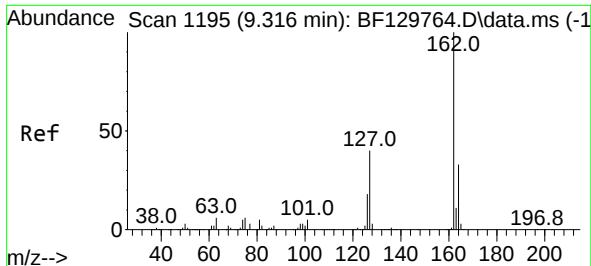
Tgt Ion:172 Resp: 1541790
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.130 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:154 Resp: 927858
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 13.2 0.0 32.1

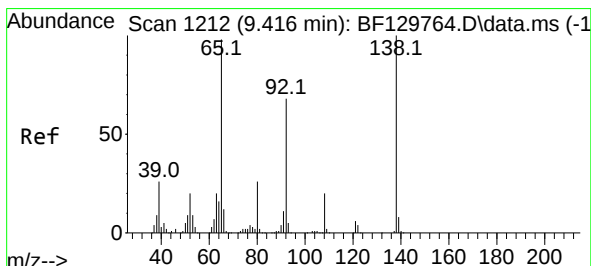
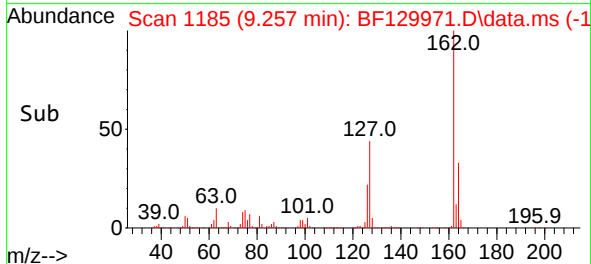
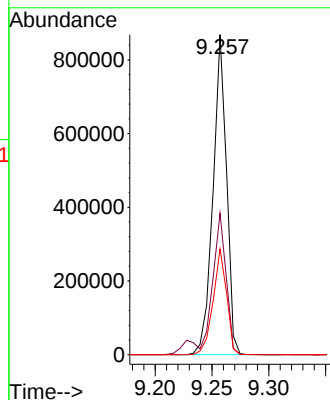
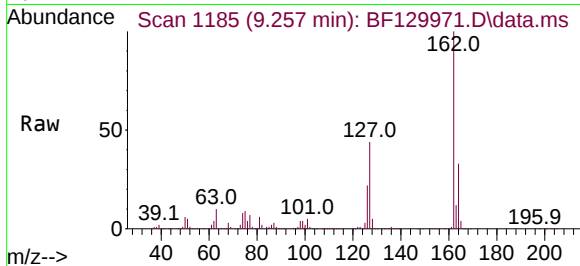




#47
2-Chloronaphthalene
Concen: 40.152 ng
RT: 9.257 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

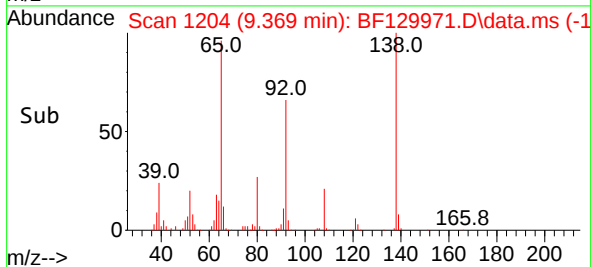
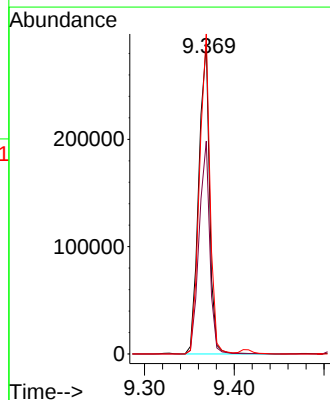
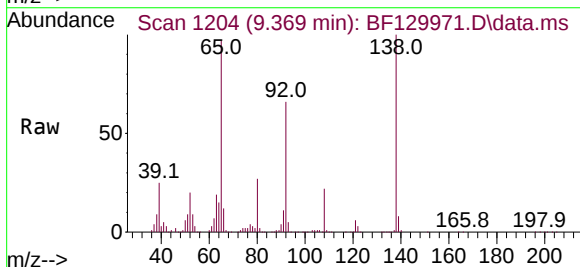
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

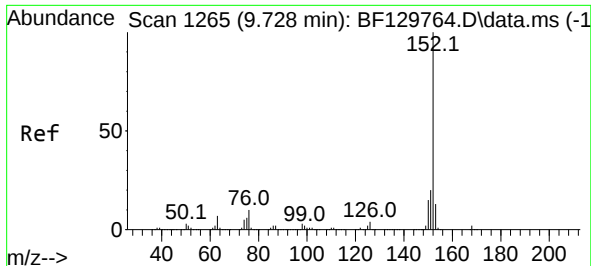
Tgt Ion:162 Resp: 716681
Ion Ratio Lower Upper
162 100
127 44.2 33.1 49.7
164 33.1 26.7 40.1



#48
2-Nitroaniline
Concen: 42.860 ng
RT: 9.369 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 65 Resp: 241761
Ion Ratio Lower Upper
65 100
92 68.8 55.0 82.4
138 103.4 81.3 121.9





#49

Acenaphthylene

Concen: 39.811 ng

RT: 9.669 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

PB147081BS

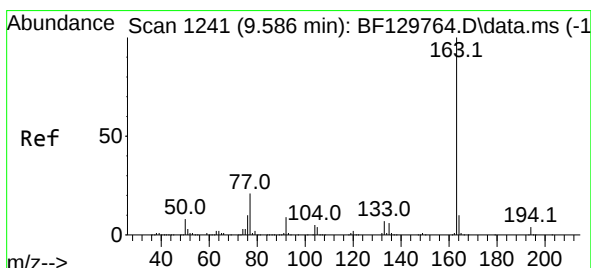
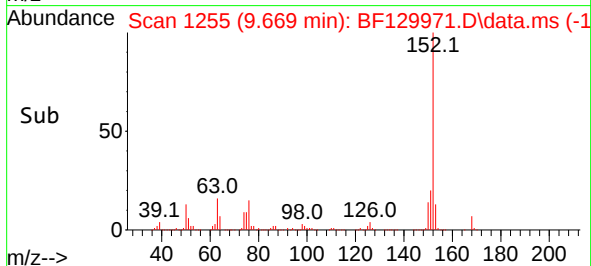
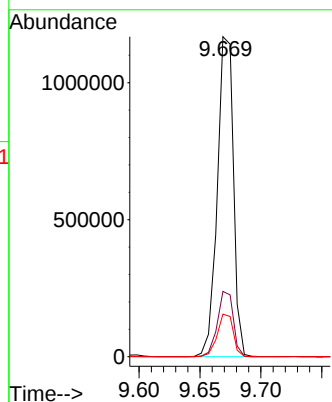
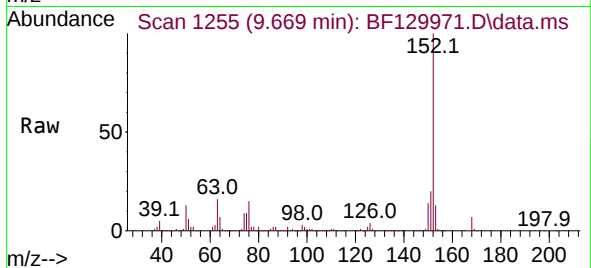
Tgt Ion:152 Resp: 1077569

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 40.124 ng

RT: 9.533 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

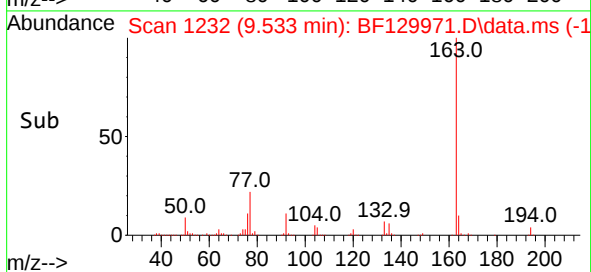
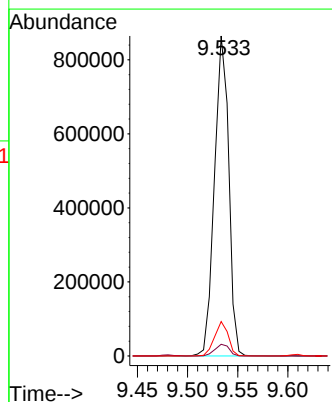
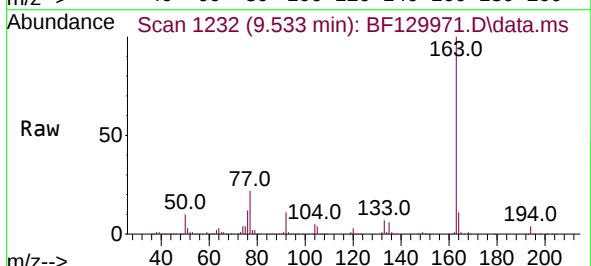
Tgt Ion:163 Resp: 854130

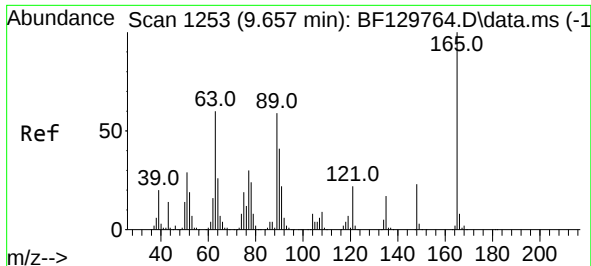
Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

164 10.7 8.2 12.2

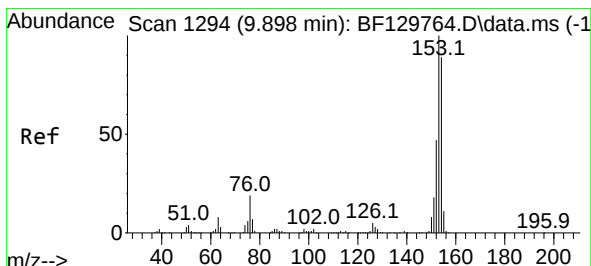
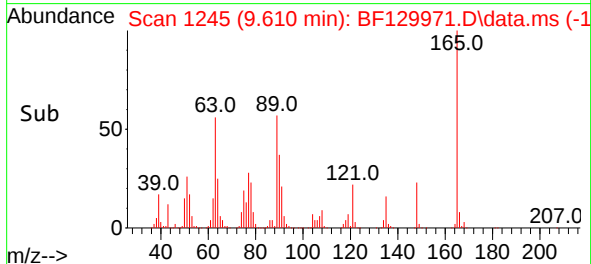
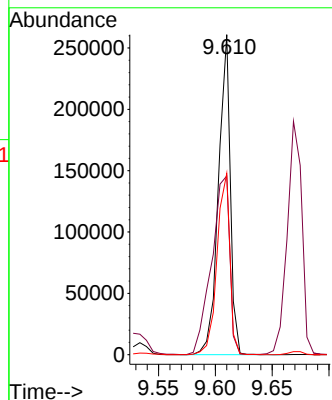
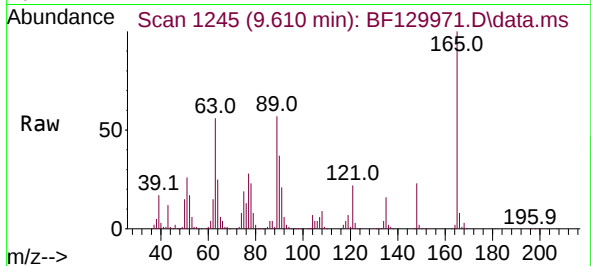




#51
2,6-Dinitrotoluene
Concen: 41.024 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

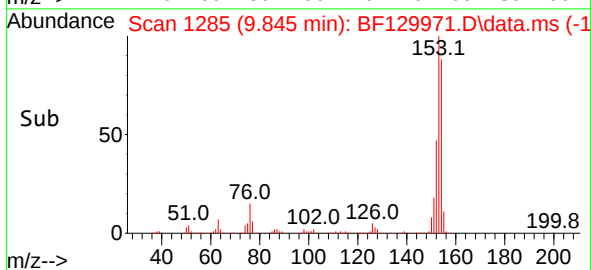
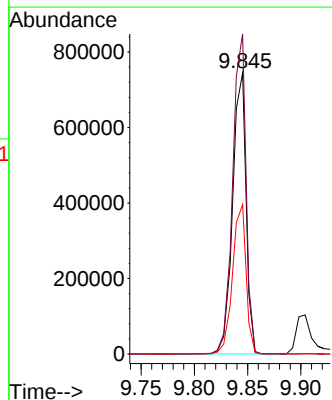
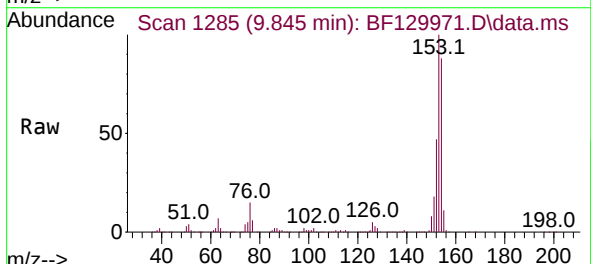
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

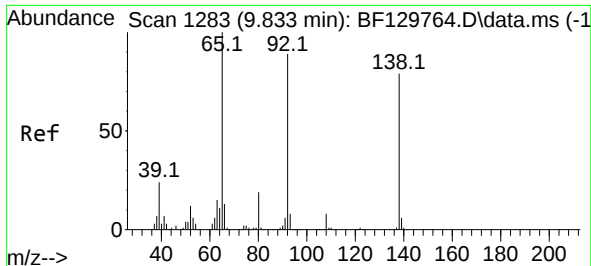
Tgt Ion:165 Resp: 189436
Ion Ratio Lower Upper
165 100
63 55.8 47.8 71.8
89 56.7 47.2 70.8



#52
Acenaphthene
Concen: 39.902 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:154 Resp: 655258
Ion Ratio Lower Upper
154 100
153 113.9 89.8 134.6
152 53.2 42.1 63.1

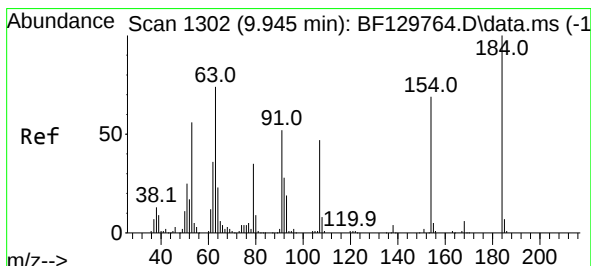
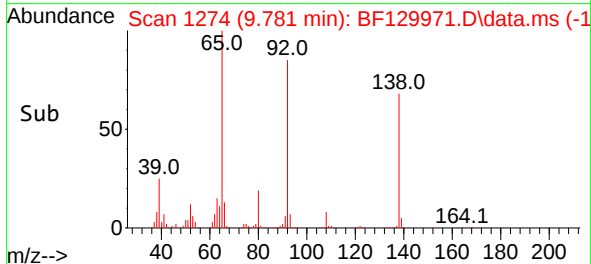
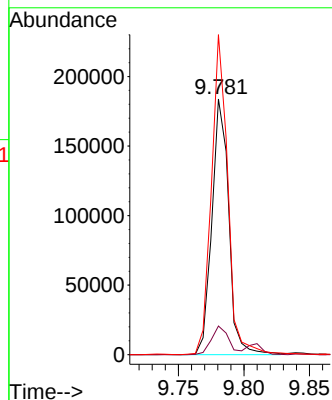
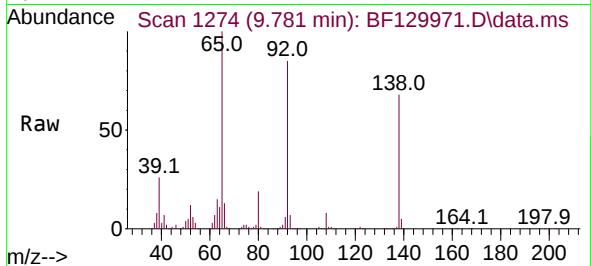




#53
3-Nitroaniline
Concen: 32.206 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

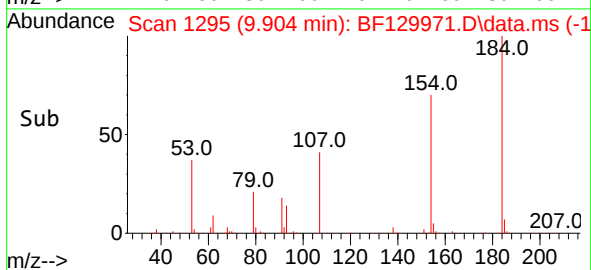
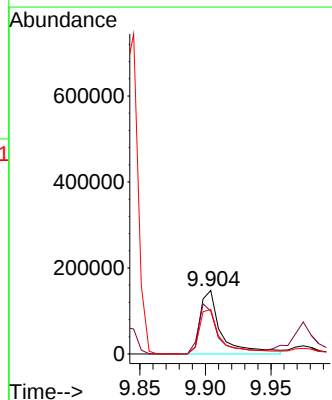
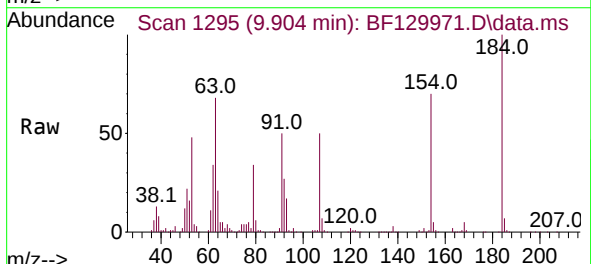
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

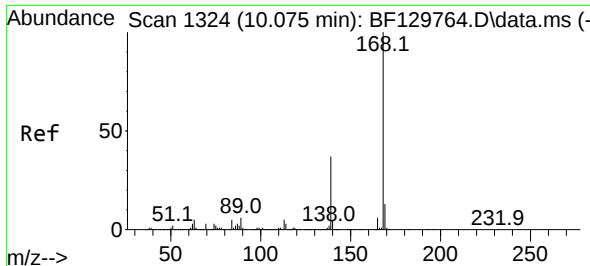
Tgt Ion:138 Resp: 164465
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 125.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 79.173 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:184 Resp: 165168
Ion Ratio Lower Upper
184 100
63 67.6 59.6 89.4
154 70.2 55.3 82.9

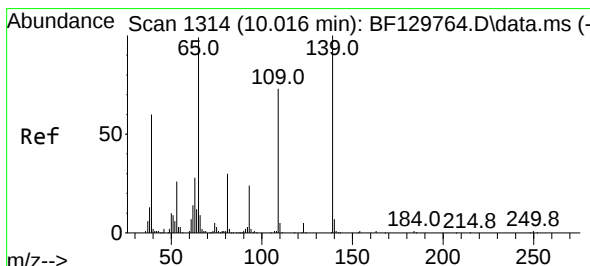
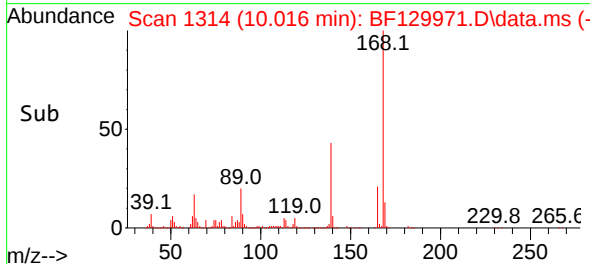
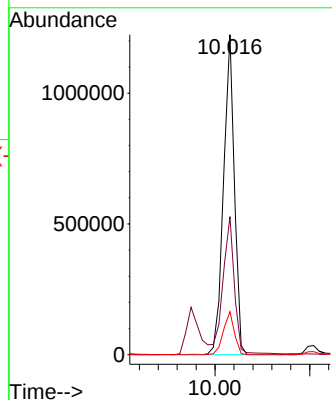
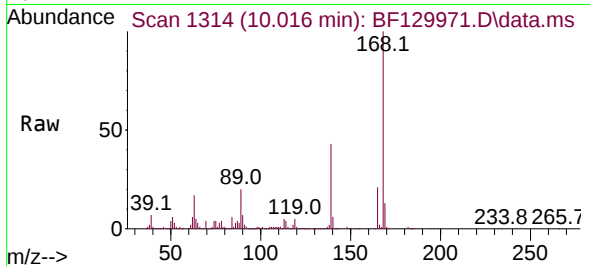




#55
Dibenzenofuran
Concen: 39.687 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

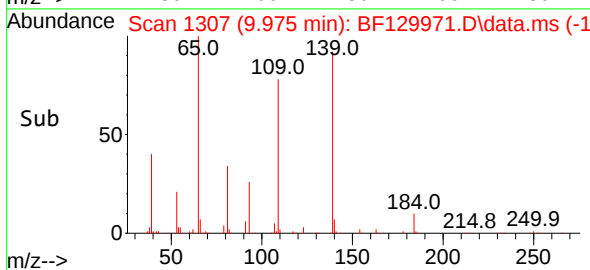
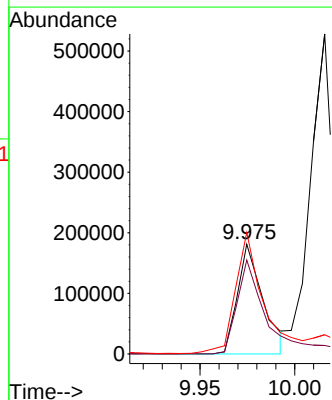
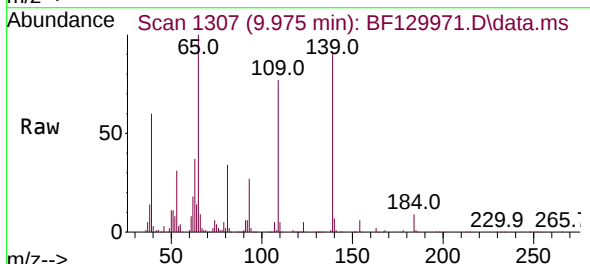
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

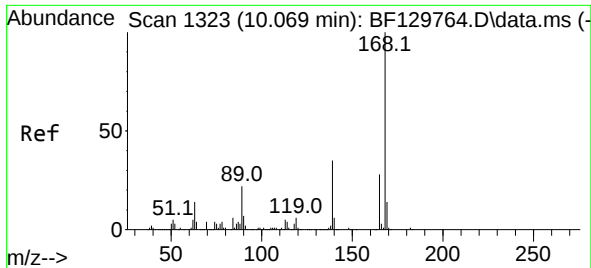
Tgt Ion:168 Resp: 979126
Ion Ratio Lower Upper
168 100
139 43.2 31.3 46.9
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 74.401 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:139 Resp: 169028
Ion Ratio Lower Upper
139 100
109 85.6 52.9 92.9
65 110.9 79.5 119.5

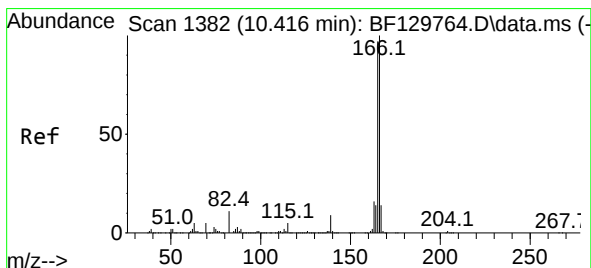
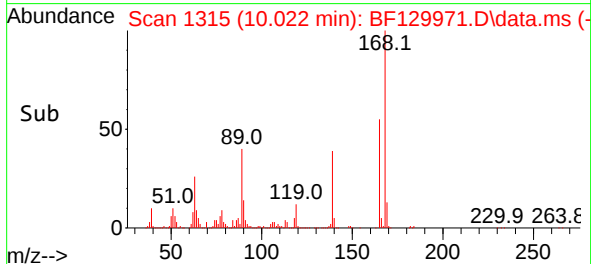
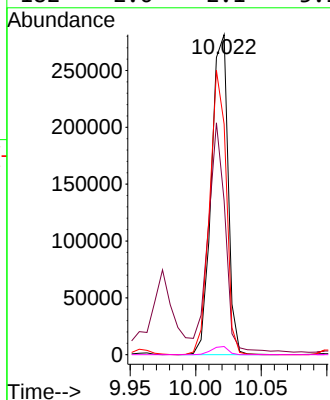
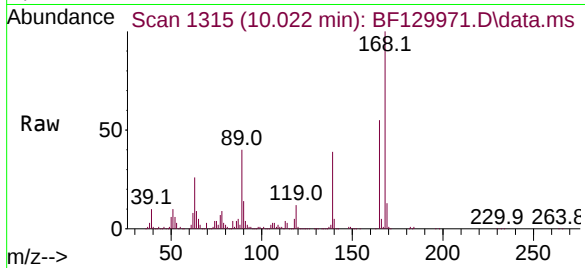




#57
2,4-Dinitrotoluene
Concen: 41.536 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

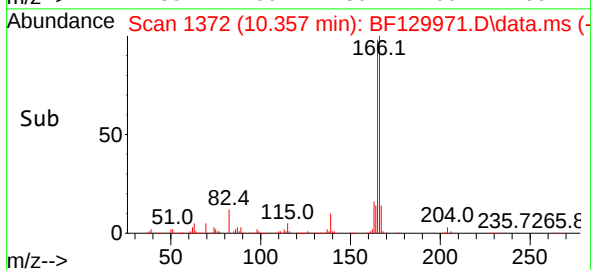
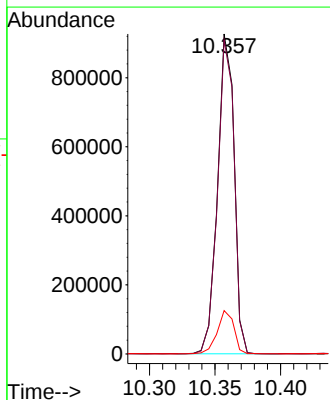
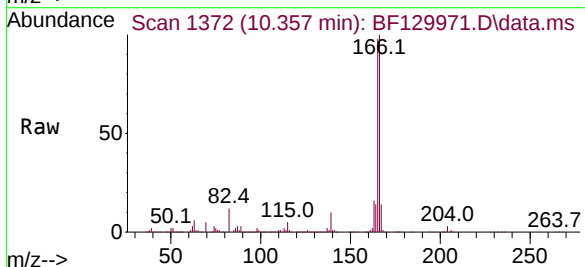
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

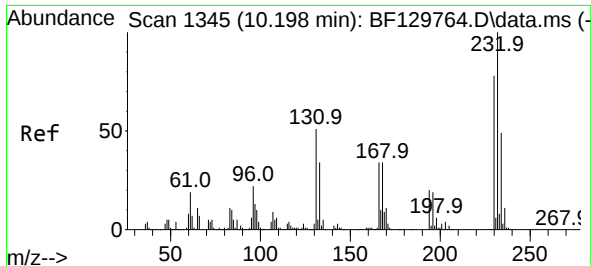
Tgt Ion:165 Resp: 248981
Ion Ratio Lower Upper
165 100
63 48.1 48.4 72.6#
89 72.0 62.3 93.5
182 2.6 2.1 3.1



#58
Fluorene
Concen: 39.443 ng
RT: 10.357 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

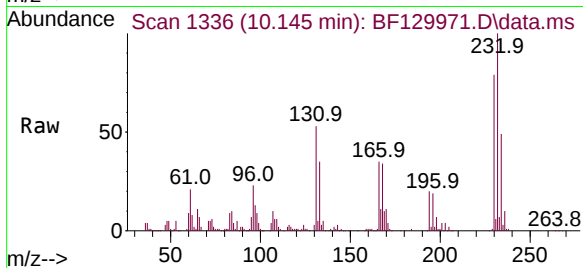
Tgt Ion:166 Resp: 812516
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 13.6 11.0 16.4



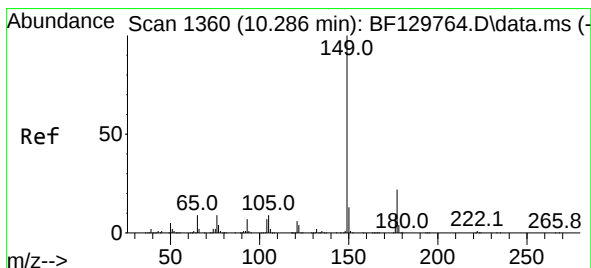
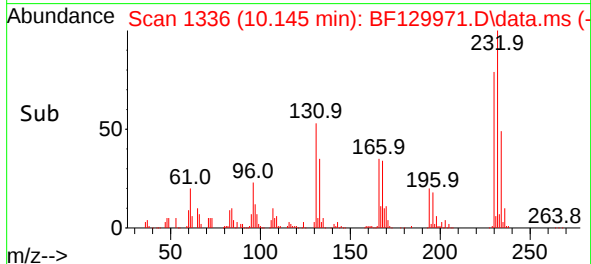
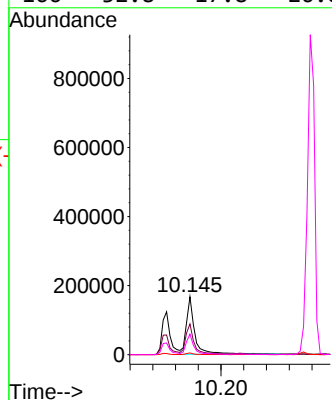


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.339 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

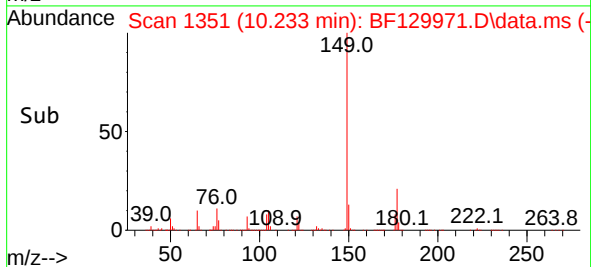
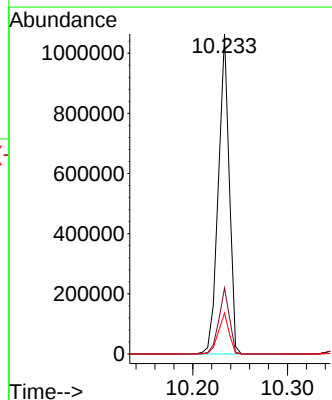
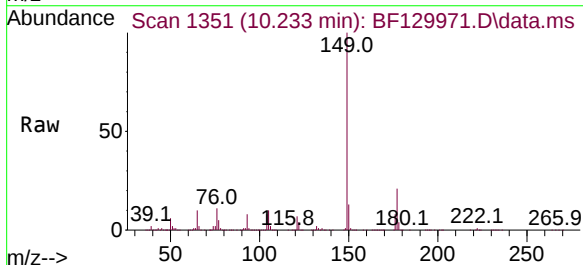


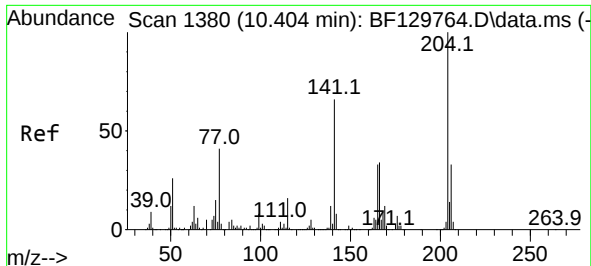
Tgt Ion:232 Resp: 170908
Ion Ratio Lower Upper
232 100
131 51.7 29.9 44.9#
130 2.5 1.5 2.3#
166 32.8 17.8 26.8#



#60
Diethylphthalate
Concen: 39.744 ng
RT: 10.233 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:149 Resp: 843600
Ion Ratio Lower Upper
149 100
177 20.6 17.7 26.5
150 12.8 10.1 15.1

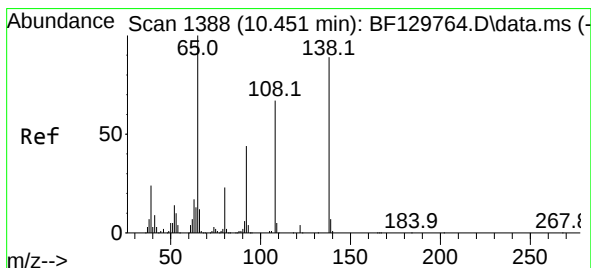
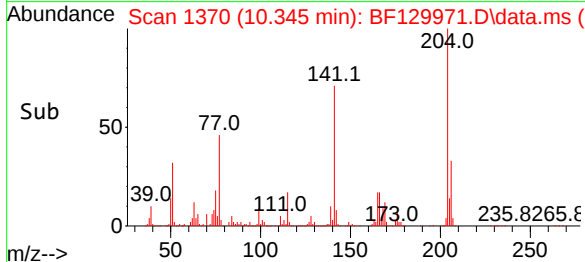
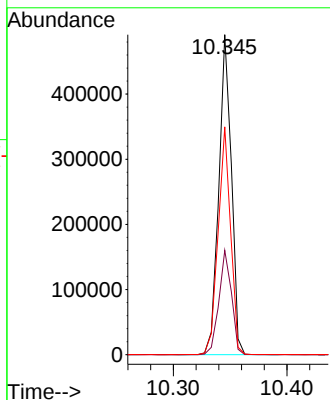
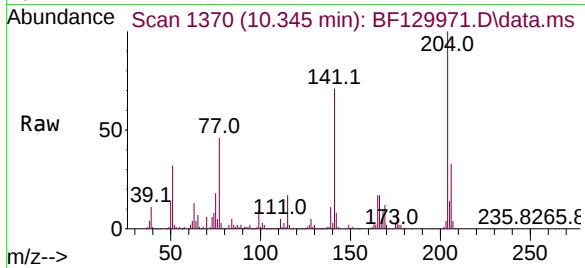




#61
4-Chlorophenyl-phenylether
Concen: 40.931 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

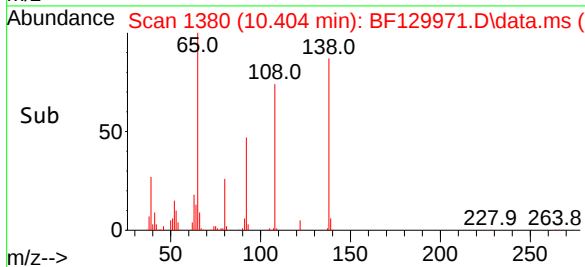
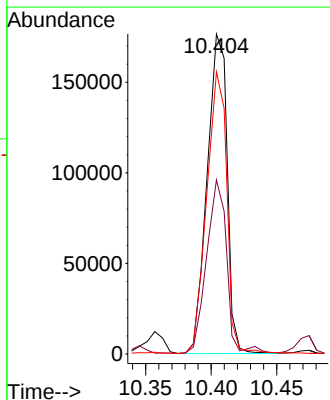
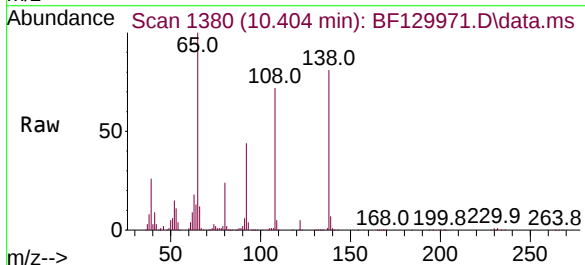
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

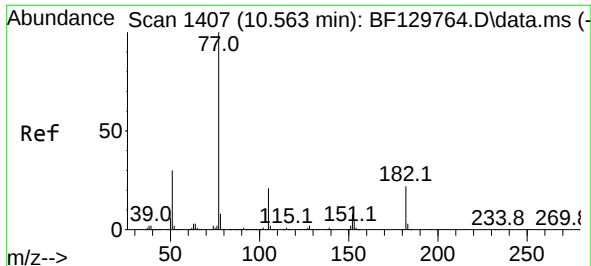
Tgt Ion:204 Resp: 378383
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 71.2 52.6 79.0



#62
4-Nitroaniline
Concen: 36.456 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:138 Resp: 187815
Ion Ratio Lower Upper
138 100
92 54.4 30.3 70.3
108 88.2 55.7 95.7

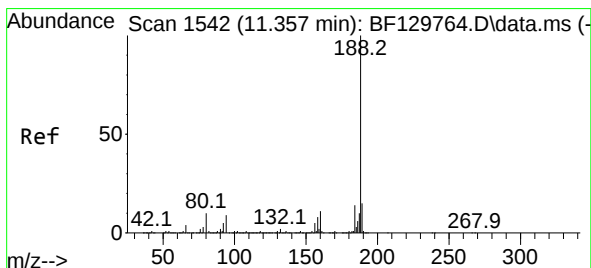
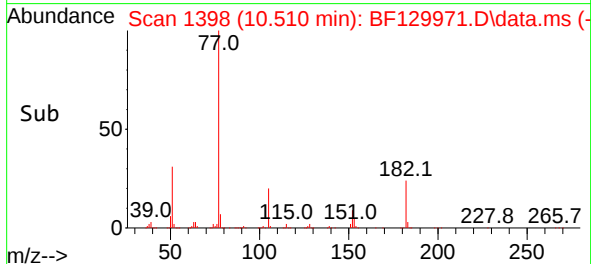
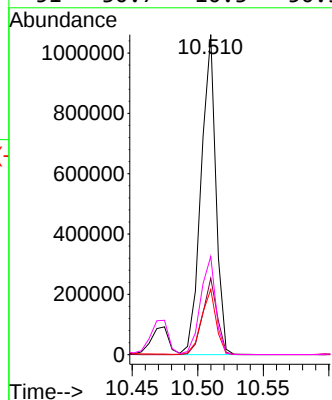
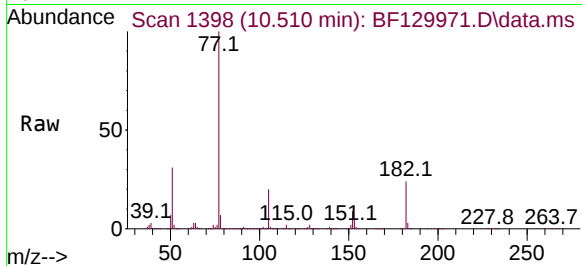




#63
Azobenzene
Concen: 41.092 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

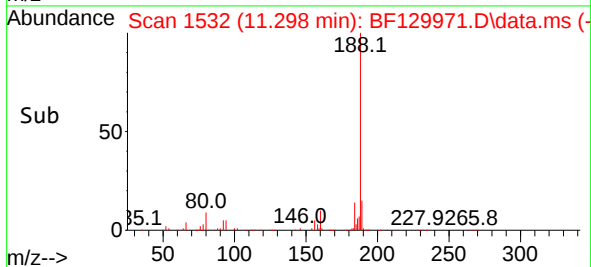
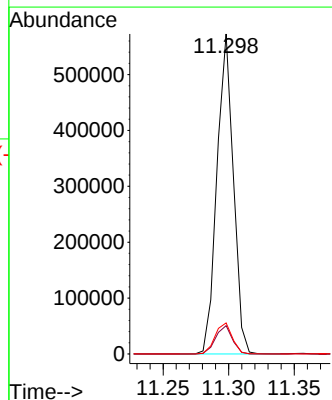
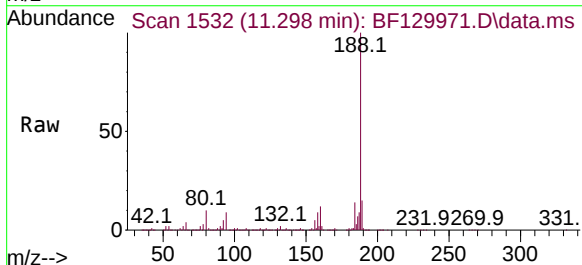
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

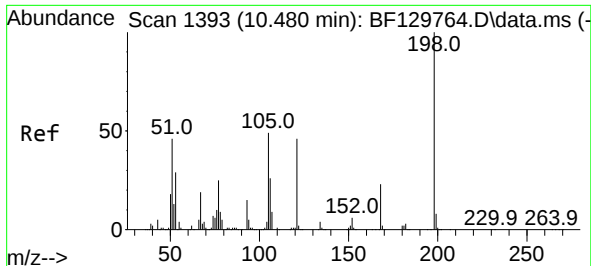
Tgt Ion: 77 Resp: 833691
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 20.3 0.8 40.8
51 30.7 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 188 Resp: 498224
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.7 7.9 11.9

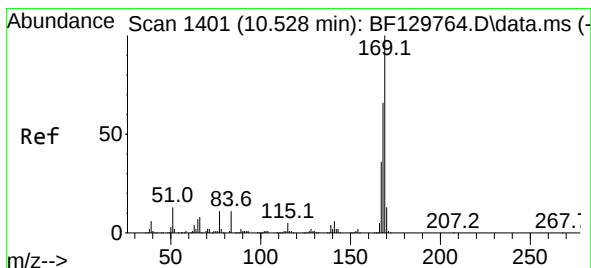
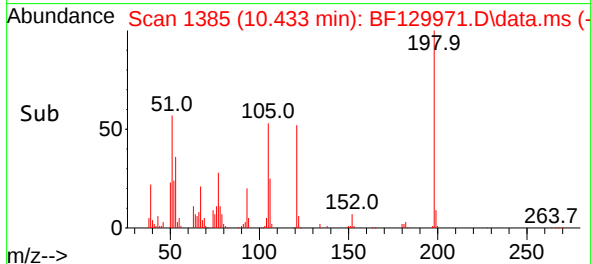
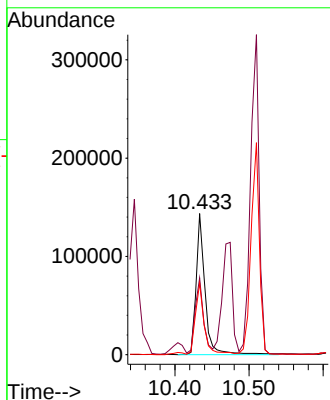
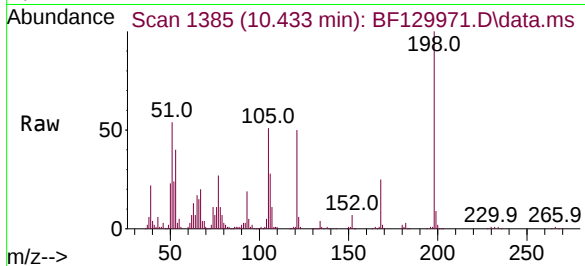




#65
4,6-Dinitro-2-methylphenol
Concen: 40.988 ng
RT: 10.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

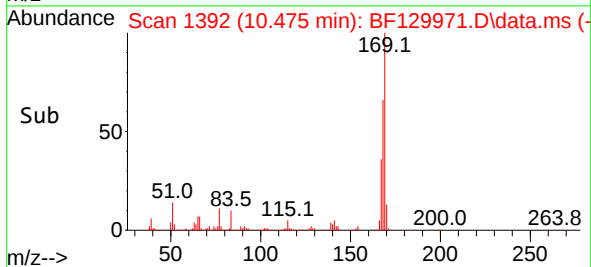
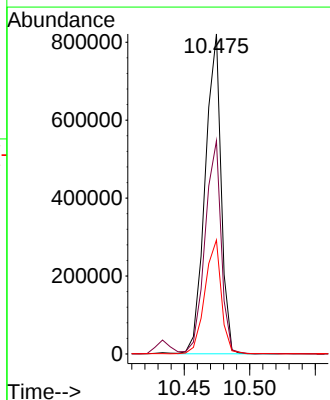
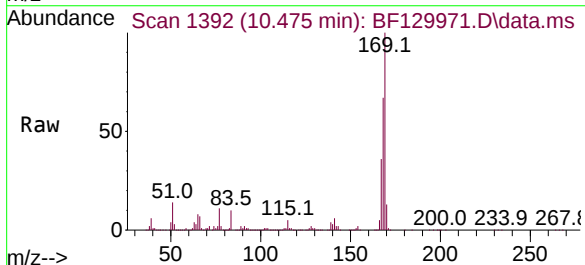
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

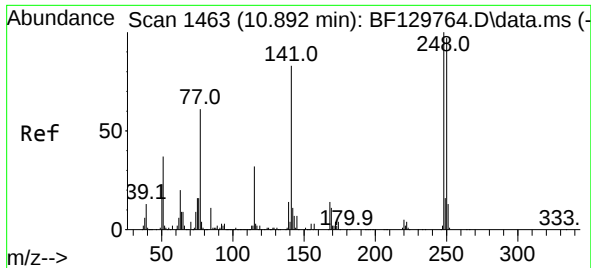
Tgt Ion:198 Resp: 119884
Ion Ratio Lower Upper
198 100
51 54.5 29.4 69.4
105 50.8 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.317 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:169 Resp: 694794
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.6 29.1 43.7

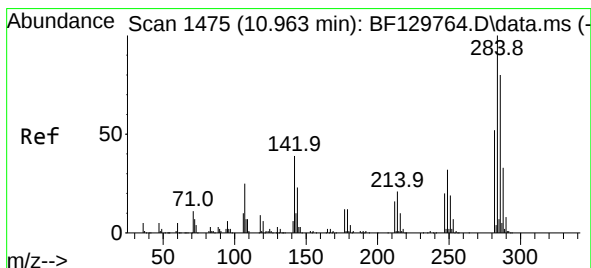
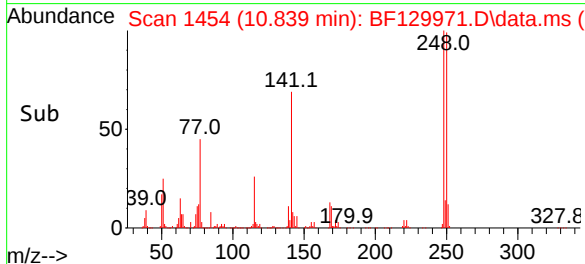
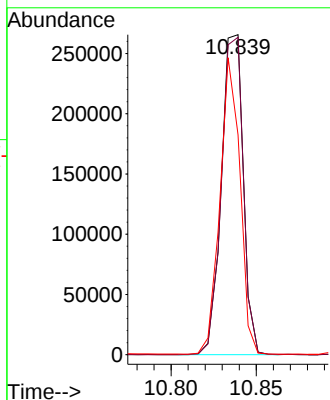
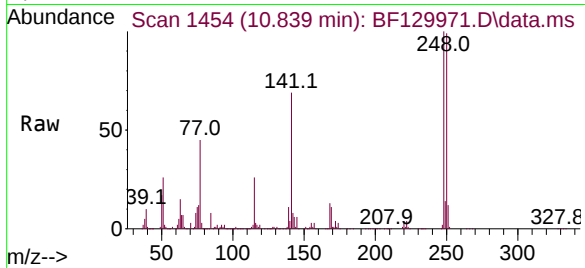




#67
4-Bromophenyl-phenylether
Concen: 40.785 ng
RT: 10.839 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

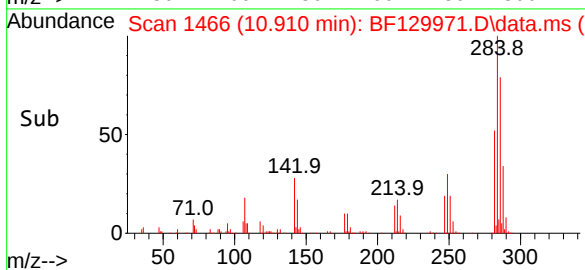
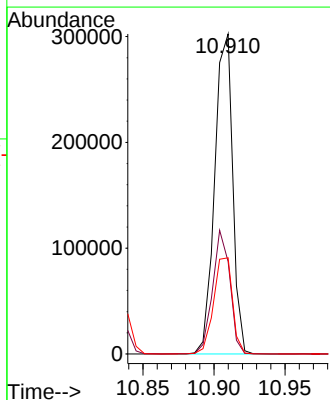
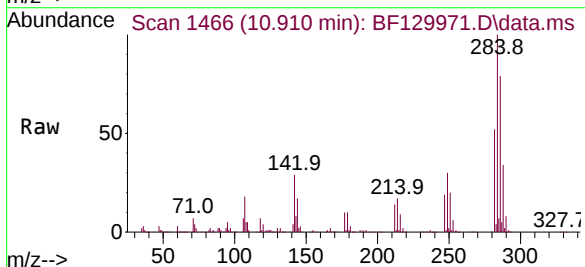
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

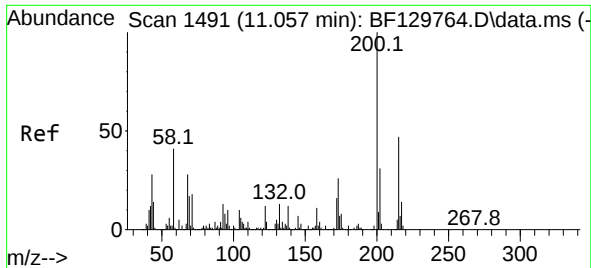
Tgt Ion:248 Resp: 238003
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.6
141 68.7 66.2 99.2



#68
Hexachlorobenzene
Concen: 42.050 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:284 Resp: 265804
Ion Ratio Lower Upper
284 100
142 28.9 31.4 47.0#
249 30.0 25.7 38.5

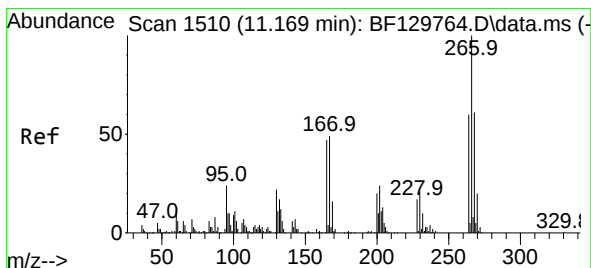
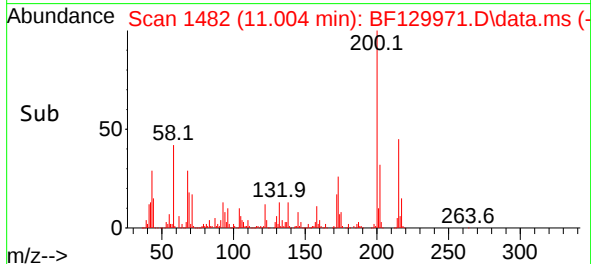
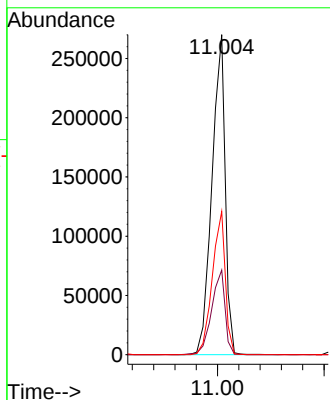
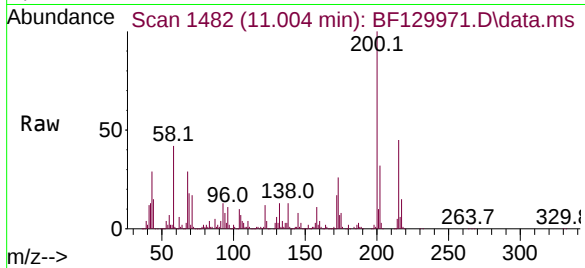




#69
Atrazine
Concen: 45.072 ng
RT: 11.004 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

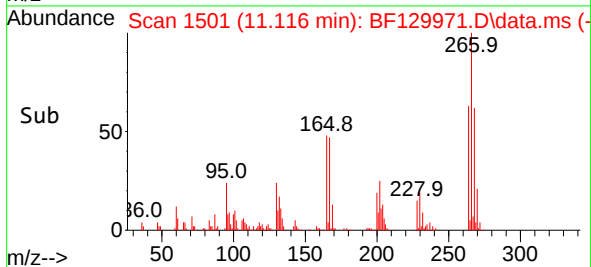
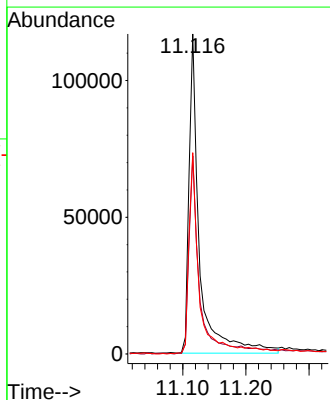
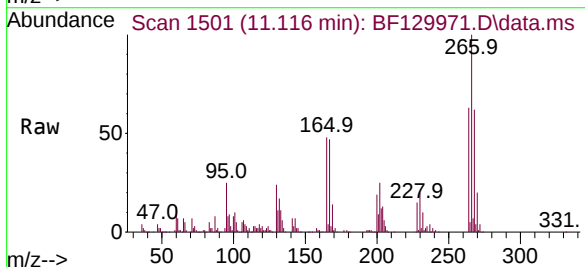
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

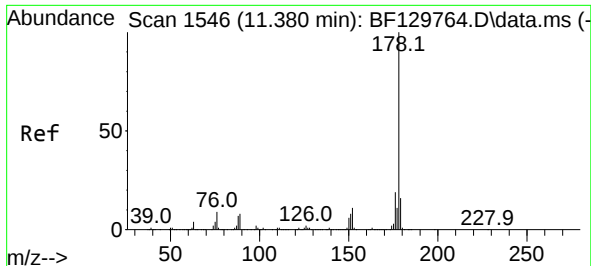
Tgt Ion:200 Resp: 232631
Ion Ratio Lower Upper
200 100
173 26.5 6.4 46.4
215 44.7 27.1 67.1



#70
Pentachlorophenol
Concen: 72.324 ng
RT: 11.116 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:266 Resp: 136031
Ion Ratio Lower Upper
266 100
268 61.9 49.0 73.4
264 62.9 47.9 71.9

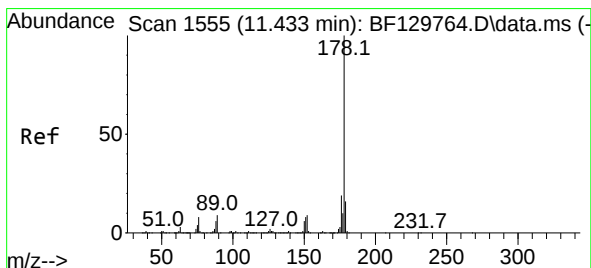
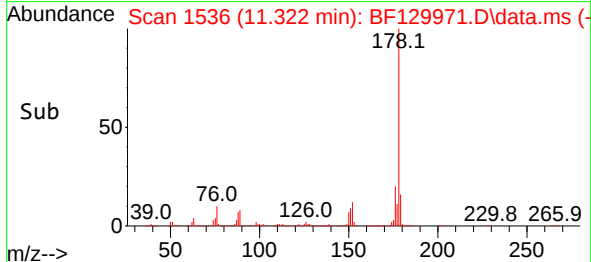
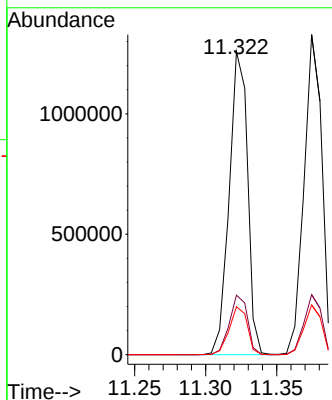
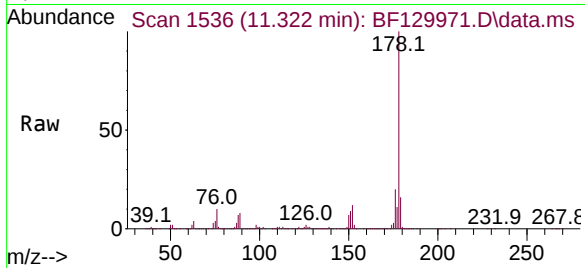




#71
Phenanthrene
Concen: 40.628 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

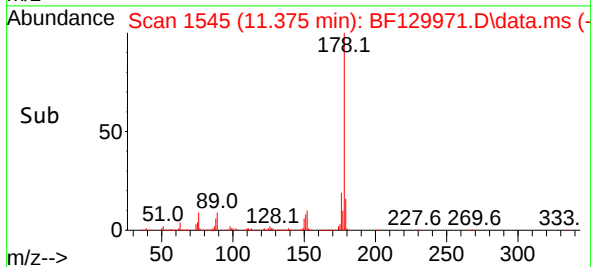
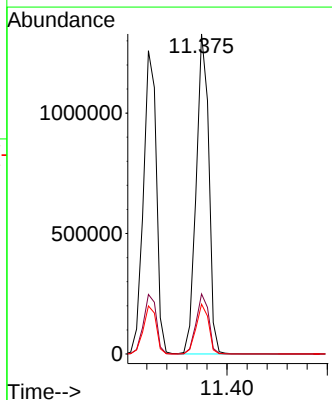
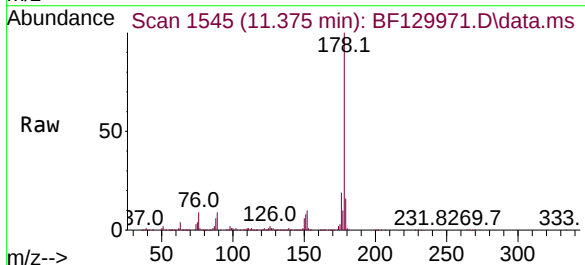
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

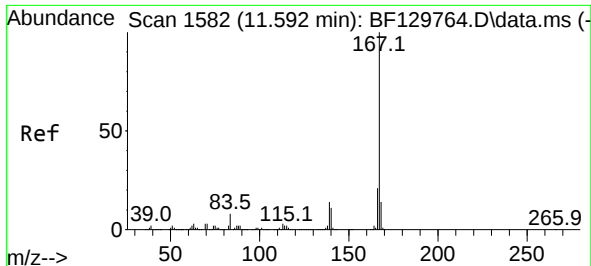
Tgt Ion:178 Resp: 1130515
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.5 18.7



#72
Anthracene
Concen: 42.022 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:178 Resp: 1162815
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.6 18.8

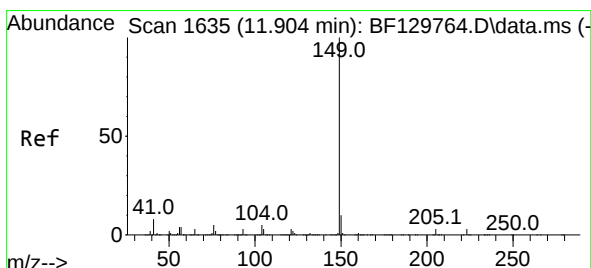
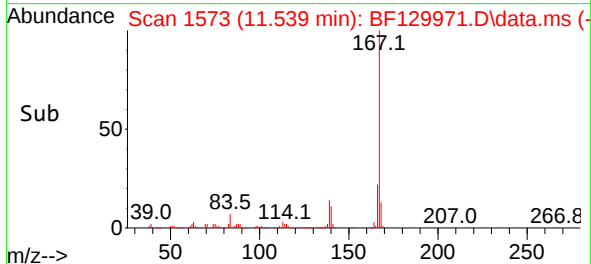
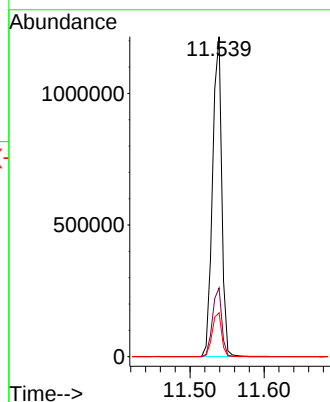
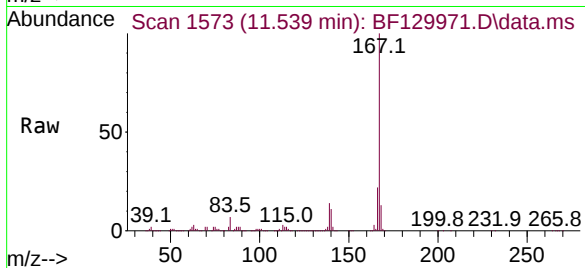




#73
Carbazole
Concen: 41.667 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

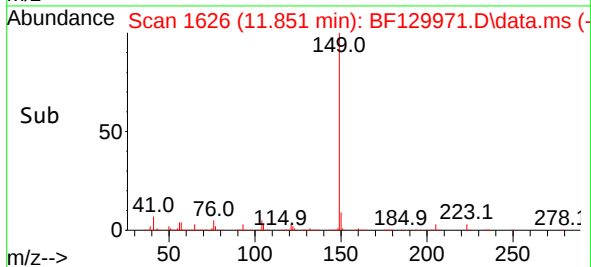
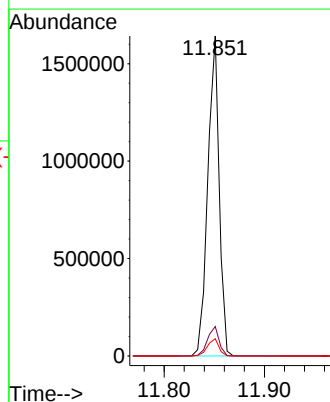
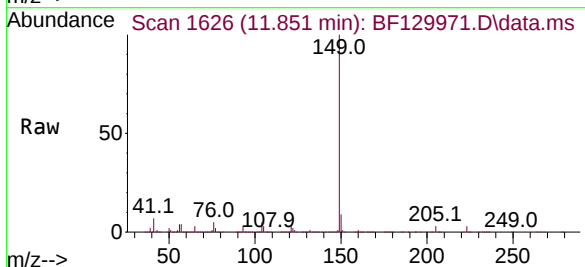
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

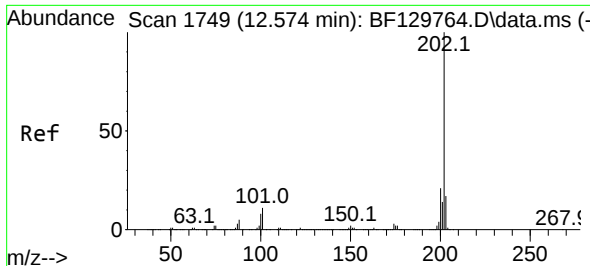
Tgt Ion:167 Resp: 1046627
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 13.8 11.0 16.6



#74
Di-n-butylphthalate
Concen: 40.323 ng
RT: 11.851 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:149 Resp: 1303567
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.4 4.2 6.4

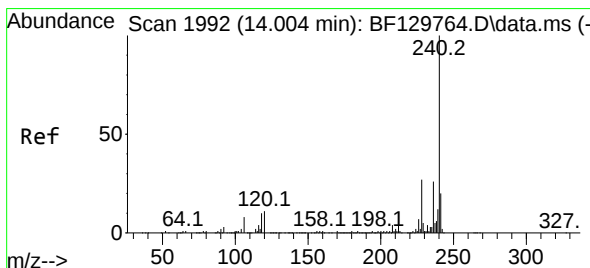
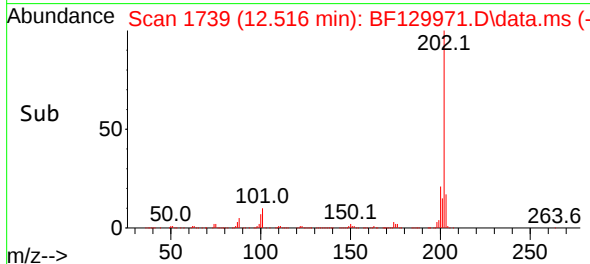
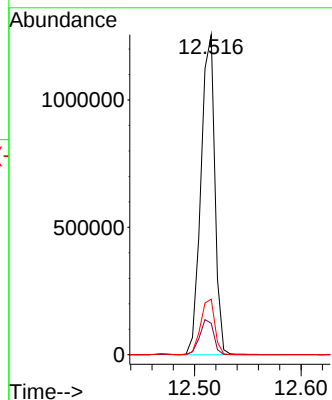
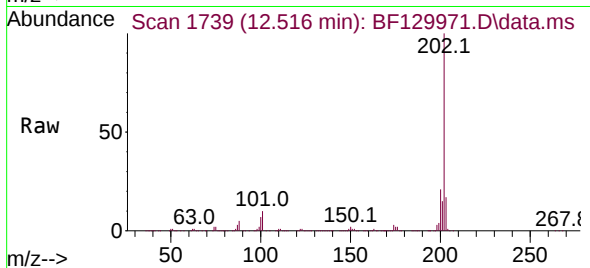




#75
Fluoranthene
Concen: 40.103 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

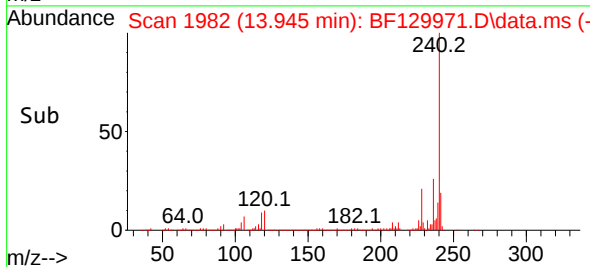
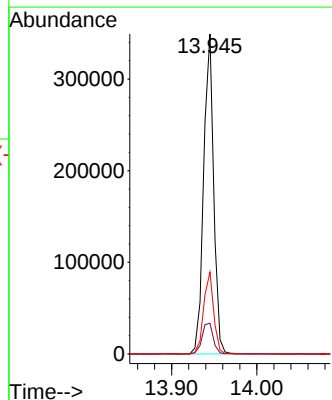
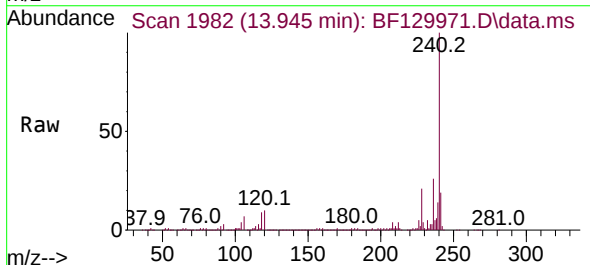
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

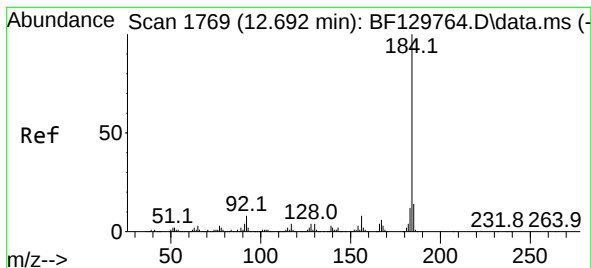
Tgt Ion:202 Resp: 1141878
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:240 Resp: 285664
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 25.6 20.7 31.1





#77

Benzidine

Concen: 88.002 ng

RT: 12.639 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

PB147081BS

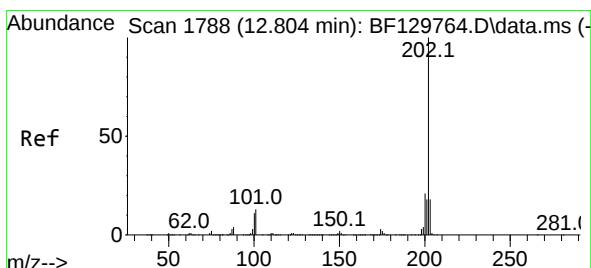
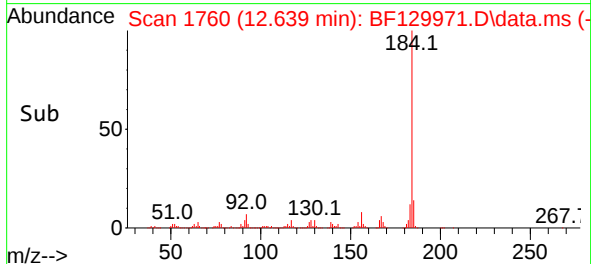
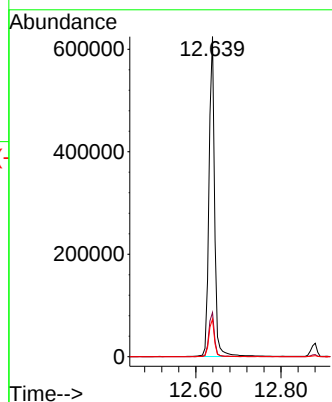
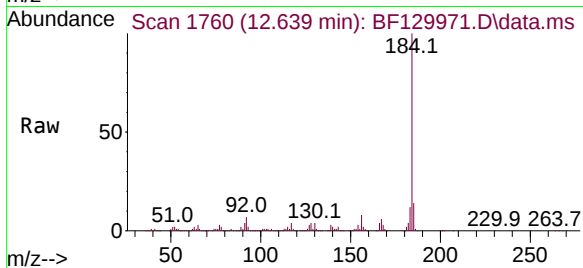
Tgt Ion:184 Resp: 568287

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.2

183 11.8 9.4 14.2



#78

Pyrene

Concen: 46.779 ng

RT: 12.745 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

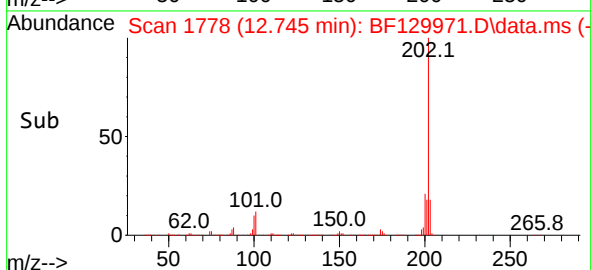
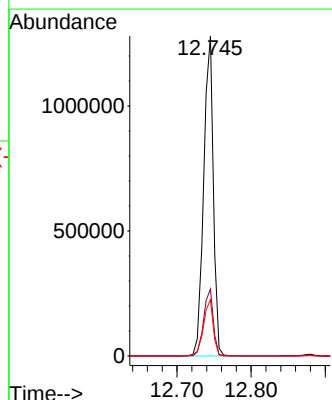
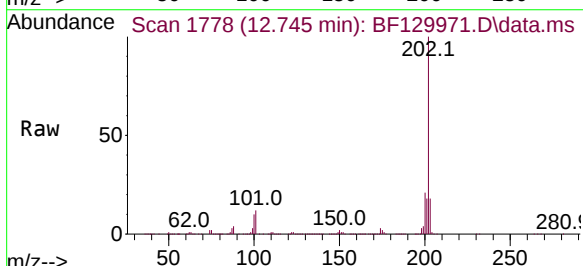
Tgt Ion:202 Resp: 1161253

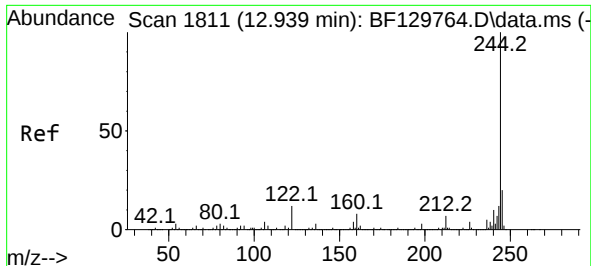
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.5 14.1 21.1

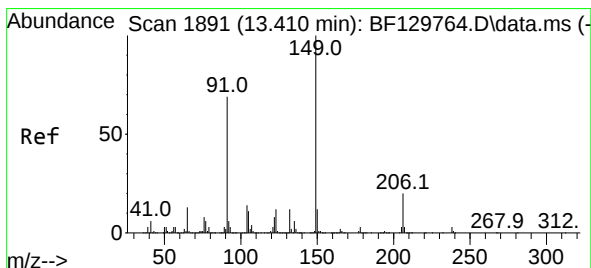
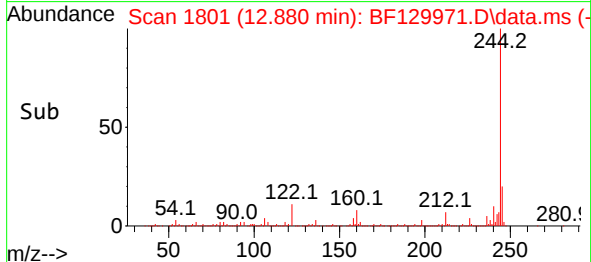
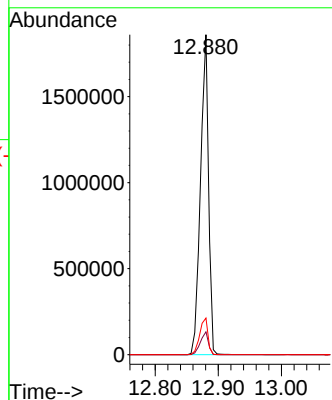
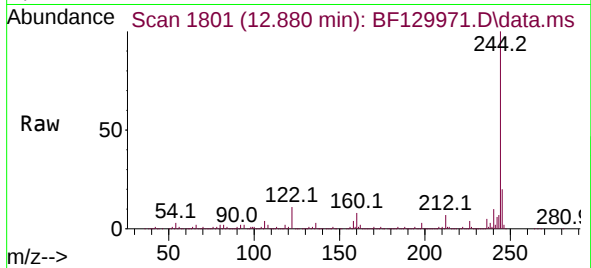




#79
 Terphenyl-d14
 Concen: 95.478 ng
 RT: 12.880 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

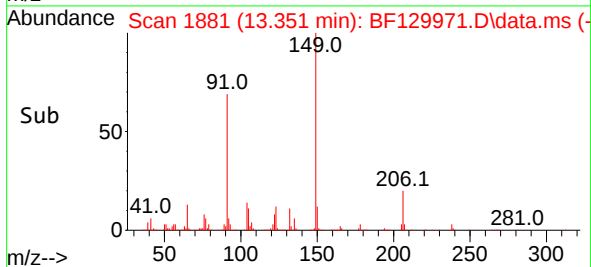
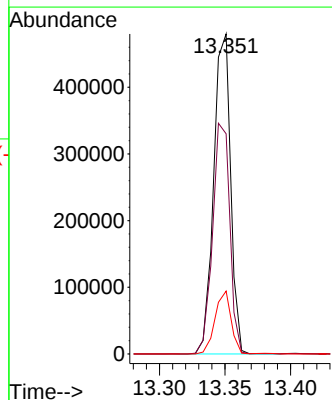
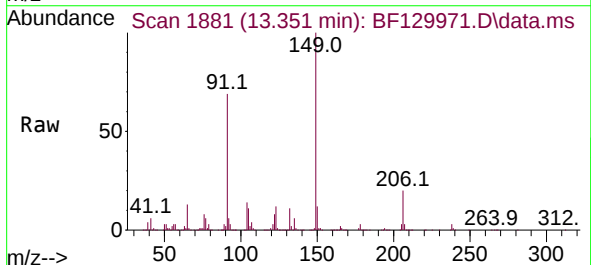
Instrument :
 MSVOA_D
 ClientSampleId :
 PB147081BS

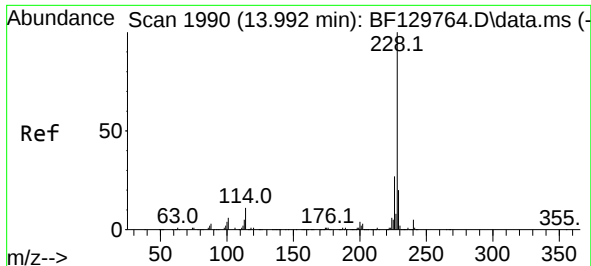
Tgt Ion:244 Resp: 1639156
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.4 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 41.098 ng
 RT: 13.351 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

Tgt Ion:149 Resp: 431699
 Ion Ratio Lower Upper
 149 100
 91 68.8 55.4 83.0
 206 19.6 15.8 23.6

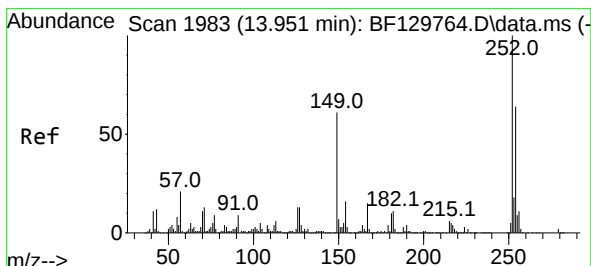
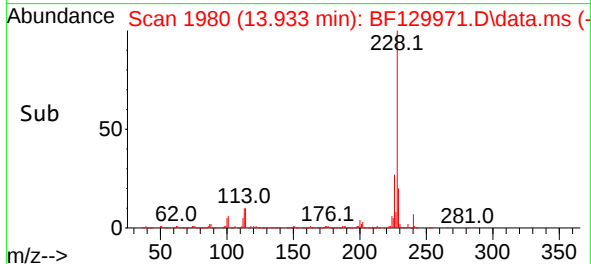
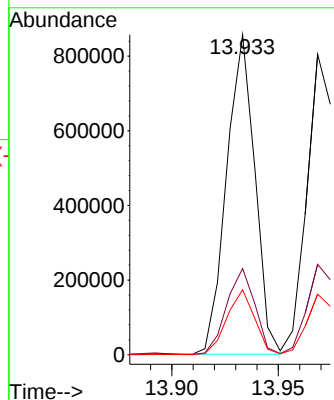
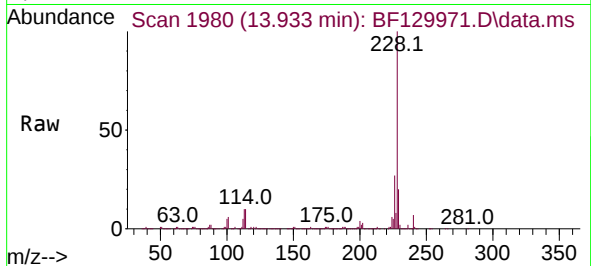




#81
Benzo(a)anthracene
Concen: 40.297 ng
RT: 13.933 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

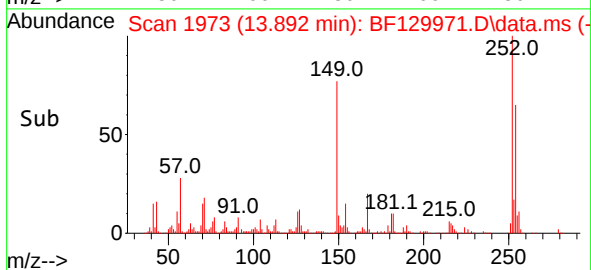
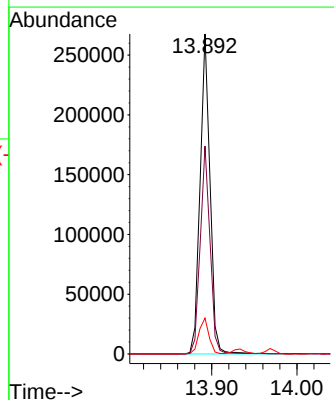
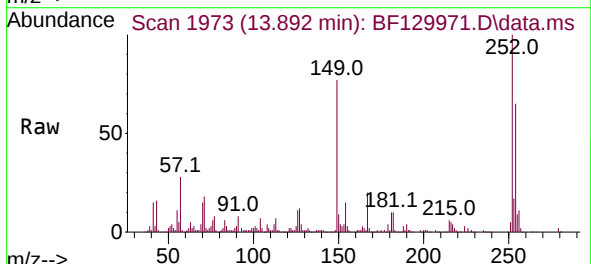
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

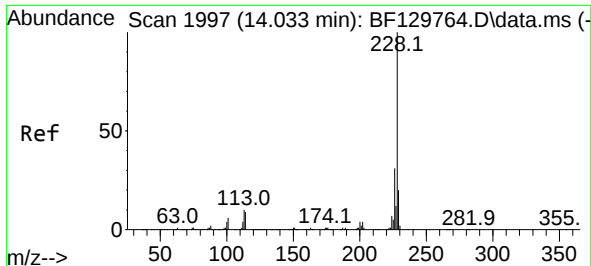
Tgt Ion:228 Resp: 791879
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 20.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.740 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:252 Resp: 217517
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 11.2 10.2 15.4

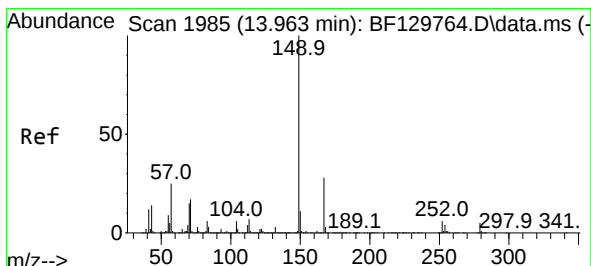
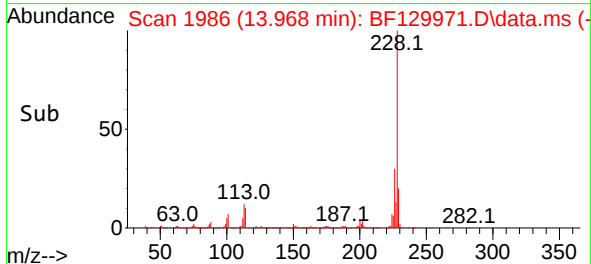
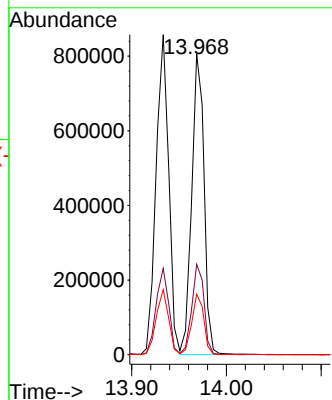
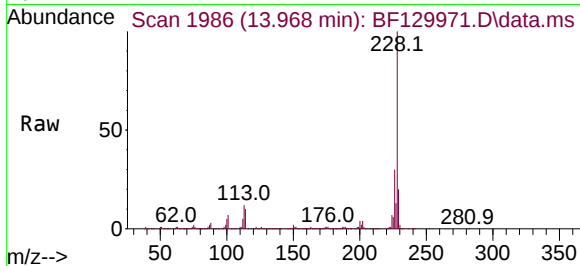




#83
Chrysene
Concen: 39.701 ng
RT: 13.968 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

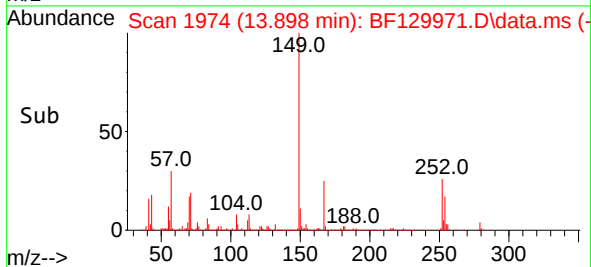
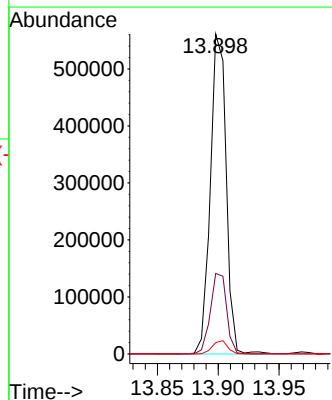
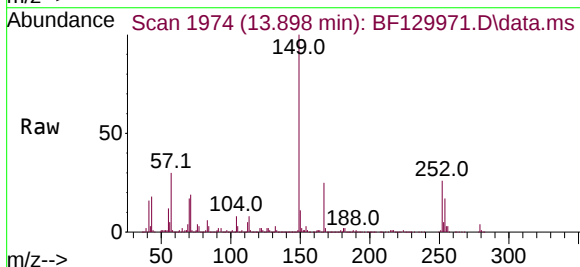
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

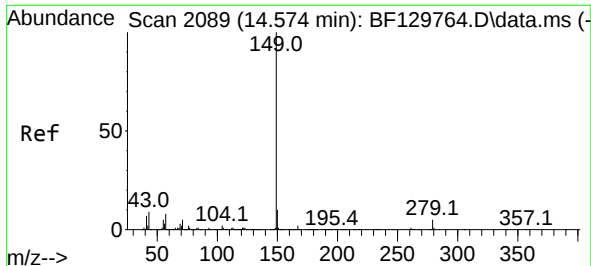
Tgt Ion:228 Resp: 730293
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.1 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.780 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:149 Resp: 508210
Ion Ratio Lower Upper
149 100
167 25.2 22.0 33.0
279 3.5 3.6 5.4#

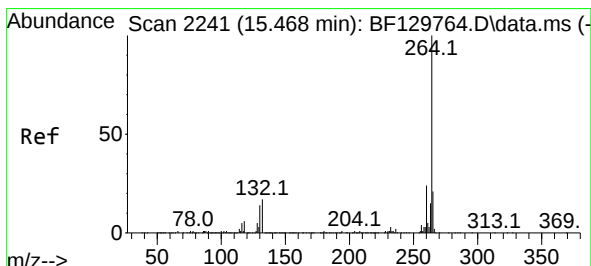
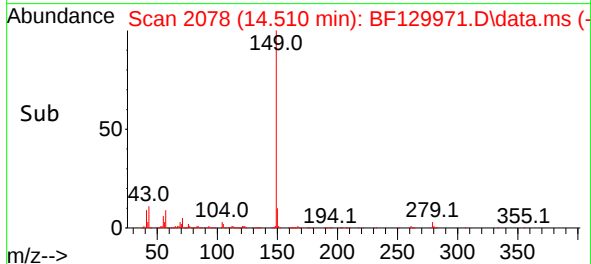
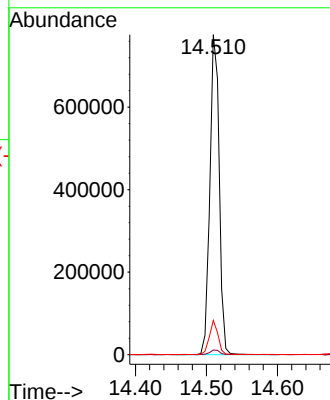
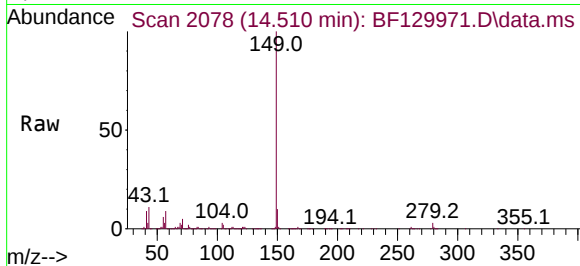




#85
Di-n-octyl phthalate
Concen: 41.325 ng
RT: 14.510 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

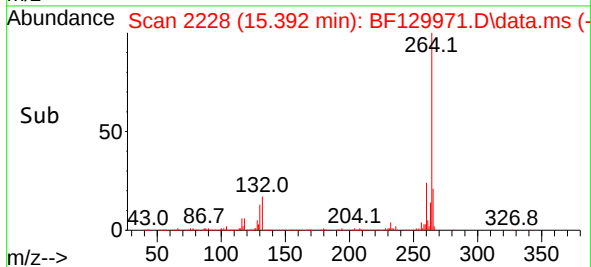
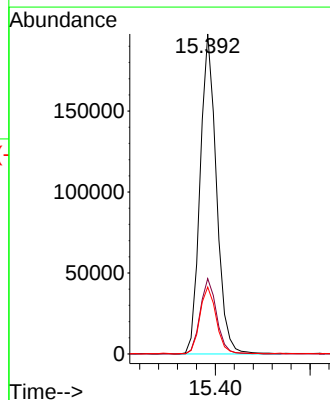
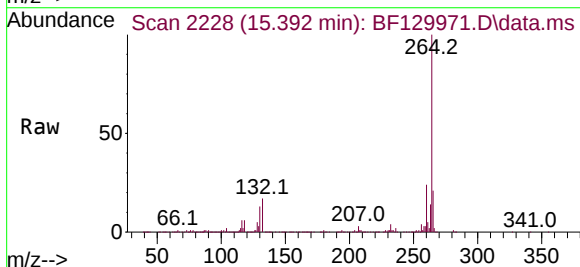
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

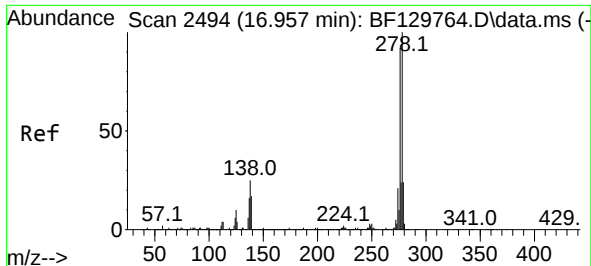
Tgt Ion:149 Resp: 710923
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:264 Resp: 236968
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 20.9 16.7 25.1

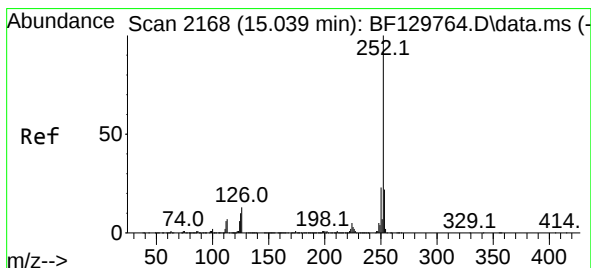
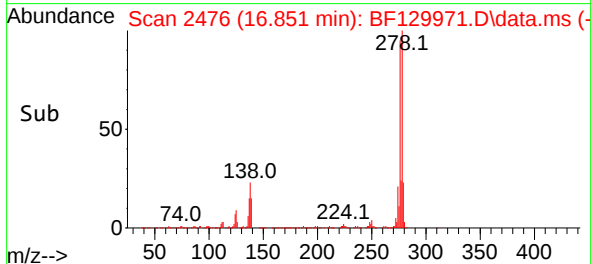
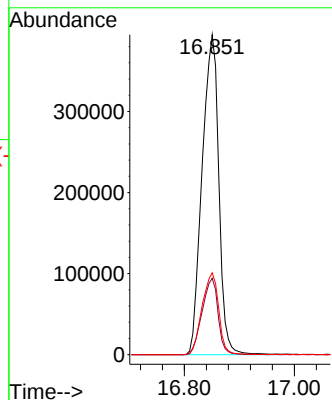
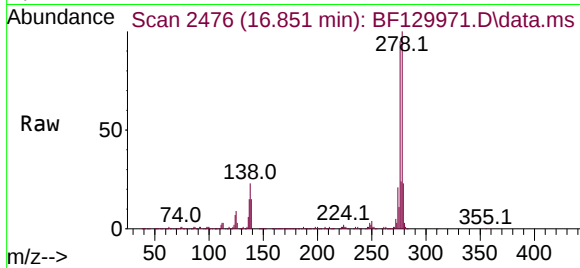




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.121 ng
RT: 16.851 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

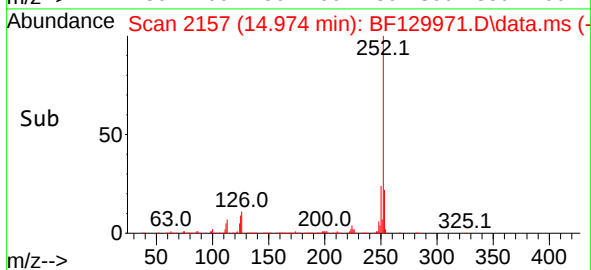
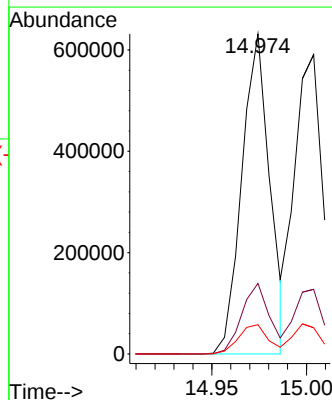
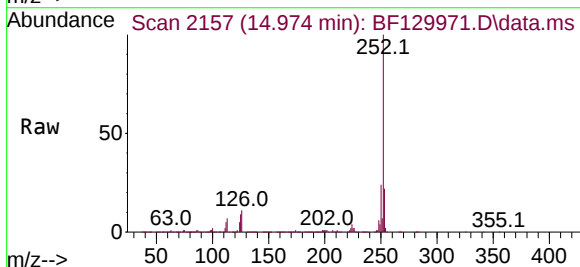
Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

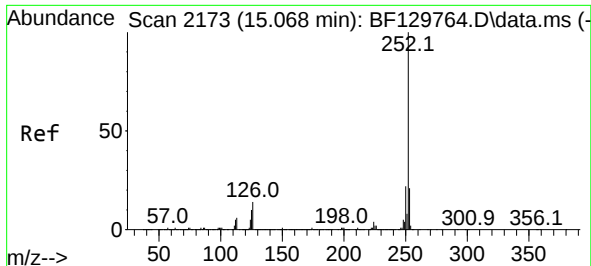
Tgt Ion:276 Resp: 831641
Ion Ratio Lower Upper
276 100
138 22.9 19.8 29.8
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 40.060 ng
RT: 14.974 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:252 Resp: 650029
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.2 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 40.340 ng

RT: 15.004 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

PB147081BS

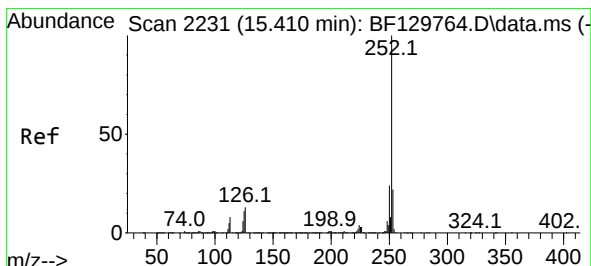
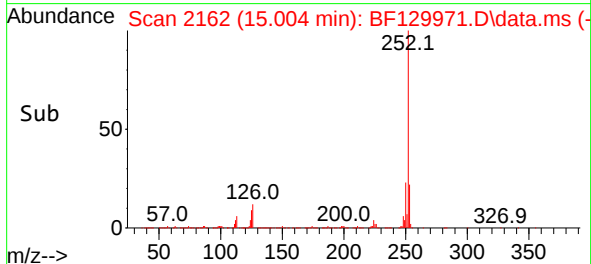
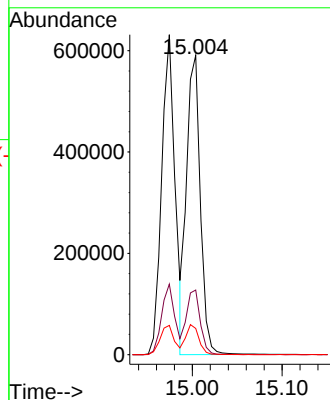
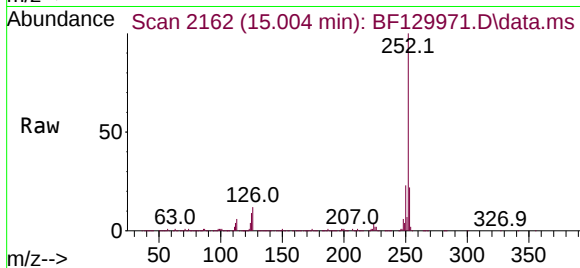
Tgt Ion:252 Resp: 627744

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 8.8 8.3 12.5



#90

Benzo(a)pyrene

Concen: 45.283 ng

RT: 15.333 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

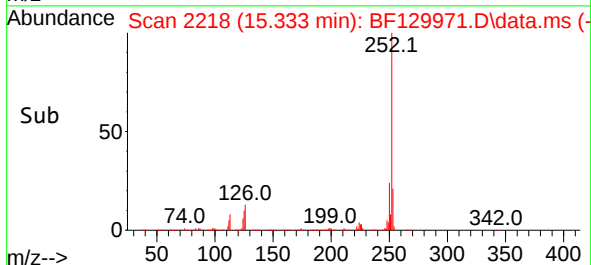
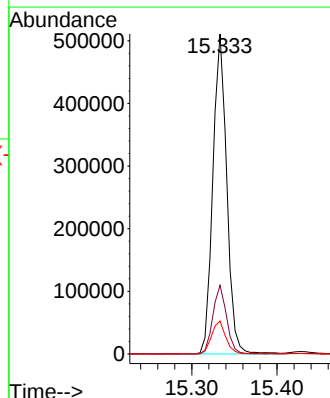
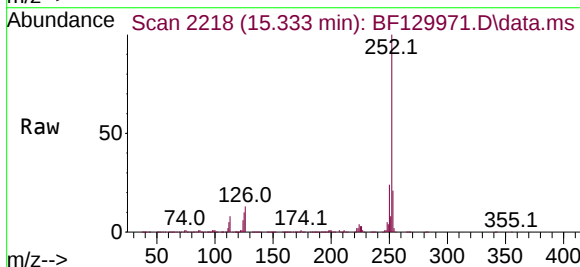
Tgt Ion:252 Resp: 578632

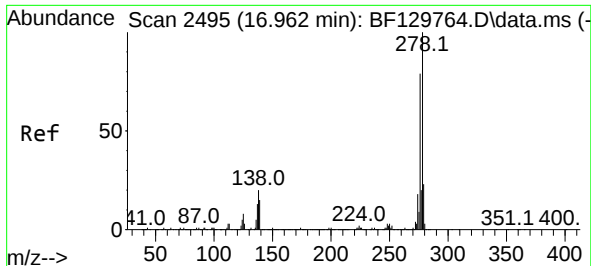
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 10.3 8.8 13.2

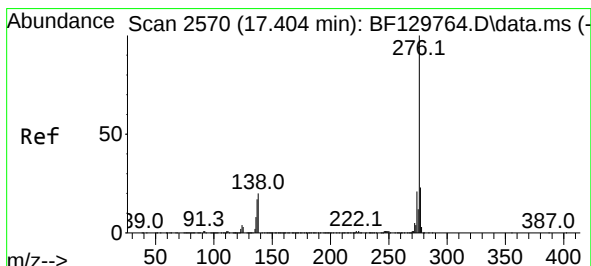
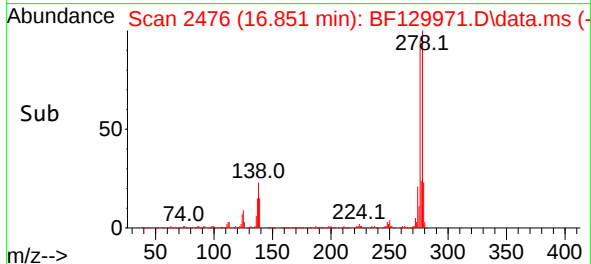
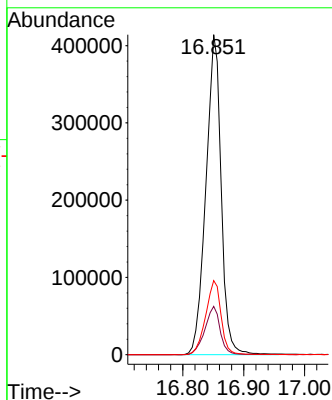
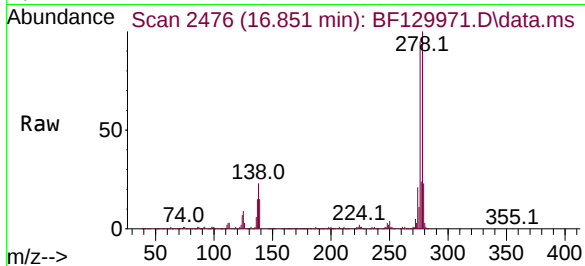




#91
Dibenzo(a,h)anthracene
Concen: 53.628 ng
RT: 16.851 min Scan# 2495
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
PB147081BS

Tgt Ion:278 Resp: 719854
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 54.864 ng
RT: 17.286 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:276 Resp: 734715
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.4
138 19.2 15.8 23.8

